

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071023\
 Data File : VN078449.D
 Acq On : 10 Jul 2023 12:21
 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 07/10/2023
 Supervised By : Mahesh Dadoda 07/11/2023

Quant Time: Jul 10 15:53:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 10 15:52:56 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	529269	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	884816	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	809369	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	350434	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	689860	97.226	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 194.460%#			
35) Dibromofluoromethane	8.171	113	598949	99.718	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 199.440%#			
50) Toluene-d8	10.570	98	2333382	102.836	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 205.680%#			
62) 4-Bromofluorobenzene	12.853	95	761303	108.927	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 217.860%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	598287	92.198	ug/l	99
3) Chloromethane	2.371	50	598919	84.916	ug/l	99
4) Vinyl Chloride	2.518	62	848479	92.996	ug/l	99
5) Bromomethane	2.930	94	538464	98.088	ug/l	98
6) Chloroethane	3.112	64	529072	97.693	ug/l	99
7) Trichlorofluoromethane	3.500	101	1000520	91.735	ug/l	98
8) Diethyl Ether	3.971	74	348876	96.009	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.377	101	543113	94.070	ug/l	96
10) Methyl Iodide	4.600	142	791102	99.715	ug/l	98
11) Tert butyl alcohol	5.535	59	500203	457.168	ug/l	100
12) 1,1-Dichloroethene	4.347	96	531553	95.180	ug/l	93
13) Acrolein	4.189	56	472675	439.093	ug/l	96
14) Allyl chloride	5.030	41	776741	101.785	ug/l	95
15) Acrylonitrile	5.730	53	1304517	471.888	ug/l	98
16) Acetone	4.441	43	989619	447.746	ug/l	95
17) Carbon Disulfide	4.718	76	1489774	92.251	ug/l	100
18) Methyl Acetate	5.036	43	842277	90.022	ug/l	91
19) Methyl tert-butyl Ether	5.806	73	1787957	97.168	ug/l	98
20) Methylene Chloride	5.288	84	619280	99.918	ug/l	94
21) trans-1,2-Dichloroethene	5.788	96	594718	94.500	ug/l	85
22) Diisopropyl ether	6.682	45	1714703	100.349	ug/l	93
23) Vinyl Acetate	6.612	43	5545293	510.470	ug/l #	90
24) 1,1-Dichloroethane	6.577	63	1092661	94.898	ug/l	97
25) 2-Butanone	7.494	43	1660630	477.304	ug/l #	86
26) 2,2-Dichloropropane	7.494	77	888554	94.354	ug/l	97
27) cis-1,2-Dichloroethene	7.494	96	712162	97.820	ug/l	95
28) Bromochloromethane	7.818	49	522124	96.276	ug/l	95
29) Tetrahydrofuran	7.841	42	1091183	477.975	ug/l	85
30) Chloroform	7.971	83	1162056	96.940	ug/l	95
31) Cyclohexane	8.265	56	873121	91.053	ug/l	91
32) 1,1,1-Trichloroethane	8.177	97	1051373	97.825	ug/l	99
36) 1,1-Dichloropropene	8.377	75	876574	101.073	ug/l	97
37) Ethyl Acetate	7.571	43	713961	98.754	ug/l #	93
38) Carbon Tetrachloride	8.371	117	951010	100.894	ug/l	99
39) Methylcyclohexane	9.606	83	821072	103.718	ug/l	93
40) Benzene	8.612	78	2579598	100.399	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	366272	99.379	ug/l	93
42) 1,2-Dichloroethane	8.676	62	859129	98.306	ug/l	98
43) Isopropyl Acetate	8.694	43	1200973	100.898	ug/l	95
44) Trichloroethene	9.359	130	676620	97.708	ug/l	96
45) 1,2-Dichloropropane	9.629	63	659180	101.295	ug/l	96
46) Dibromomethane	9.718	93	458394	100.082	ug/l	92
47) Bromodichloromethane	9.894	83	931328	101.438	ug/l	96
48) Methyl methacrylate	9.688	41	565122	102.480	ug/l	89
49) 1,4-Dioxane	9.700	88	235915	1961.710	ug/l	92
51) 4-Methyl-2-Pentanone	10.453	43	3625073	512.021	ug/l	94
52) Toluene	10.635	92	1645878	103.357	ug/l	95
53) t-1,3-Dichloropropene	10.841	75	1008246	107.193	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	1081769	107.895	ug/l	95
55) 1,1,2-Trichloroethane	11.023	97	630169	100.440	ug/l	96
56) Ethyl methacrylate	10.882	69	969055	110.491	ug/l	91
57) 1,3-Dichloropropane	11.170	76	1063476	99.690	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	1698978	543.575	ug/l	92
59) 2-Hexanone	11.200	43	2590734	514.873	ug/l	93
60) Dibromochloromethane	11.365	129	729257	105.285	ug/l	100
61) 1,2-Dibromoethane	11.476	107	659683	102.069	ug/l	98
64) Tetrachloroethene	11.112	164	592538	97.376	ug/l	99
65) Chlorobenzene	11.900	112	1771031	97.894	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.964	131	678645	97.511	ug/l	98
67) Ethyl Benzene	11.970	91	3195916	104.509	ug/l	99
68) m/p-Xylenes	12.076	106	2419893	214.028	ug/l	99
69) o-Xylene	12.406	106	1192004	104.378	ug/l	99
70) Styrene	12.417	104	1977678	110.693	ug/l	98
71) Bromoform	12.582	173	491543	104.284	ug/l #	99
73) Isopropylbenzene	12.700	105	2959536	89.878	ug/l	99
74) N-amyl acetate	12.500	43	1008511	88.874	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.941	83	872665	97.850	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	718586m	84.931	ug/l	
77) Bromobenzene	12.988	156	699504	99.206	ug/l	96
78) n-propylbenzene	13.041	91	3376548	95.884	ug/l	100
79) 2-Chlorotoluene	13.129	91	2058460	89.241	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	2373479	91.227	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	300079	93.095	ug/l	96
82) 4-Chlorotoluene	13.229	91	2028212	94.257	ug/l	98
83) tert-Butylbenzene	13.447	119	2001333	90.603	ug/l	96
84) 1,2,4-Trimethylbenzene	13.488	105	2349919	92.987	ug/l	98
85) sec-Butylbenzene	13.623	105	2593302	92.882	ug/l	99
86) p-Isopropyltoluene	13.735	119	2138276	95.378	ug/l	98
87) 1,3-Dichlorobenzene	13.741	146	1211554	95.843	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	1183297	92.934	ug/l	98
89) n-Butylbenzene	14.064	91	1619314	100.948	ug/l	97
90) Hexachloroethane	14.341	117	410352	100.408	ug/l	86
91) 1,2-Dichlorobenzene	14.111	146	1172549	93.207	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	153027	98.955	ug/l	92
93) 1,2,4-Trichlorobenzene	15.400	180	441721	110.019	ug/l	97
94) Hexachlorobutadiene	15.505	225	193432	97.023	ug/l	99
95) Naphthalene	15.647	128	1448721	105.547	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	468039	101.382	ug/l	95

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ClientSampleId :
VSTDICC100

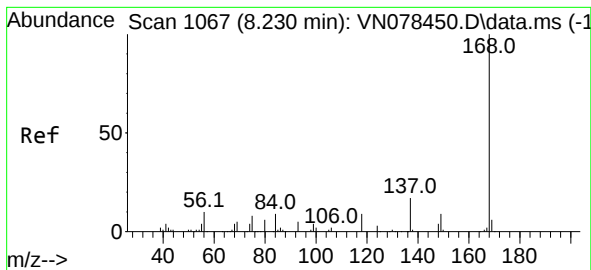
Manual Integrations
APPROVED

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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



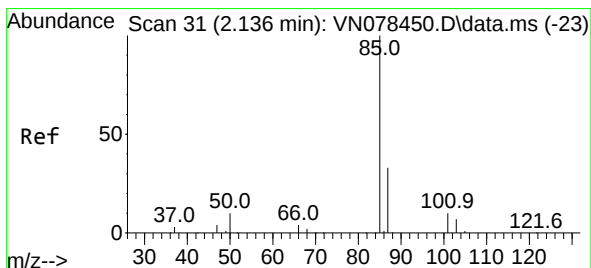
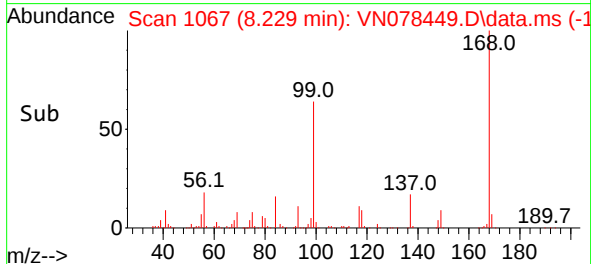
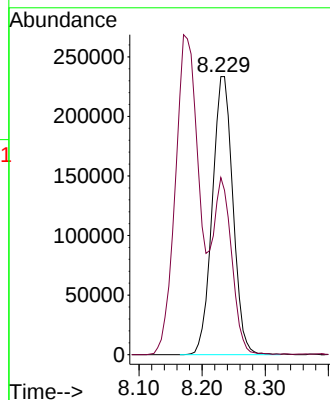
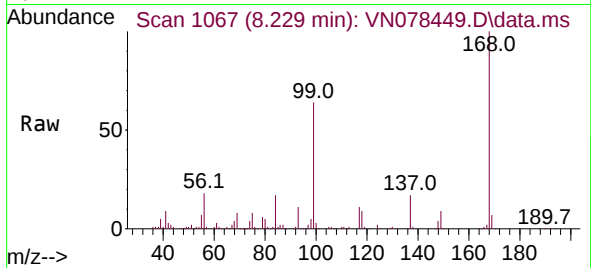
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.001 min
Lab File: VN078449.D
Acq: 10 Jul 2023 12:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion:168 Resp: 529269
Ion Ratio Lower Upper
168 100
99 63.6 53.0 79.6

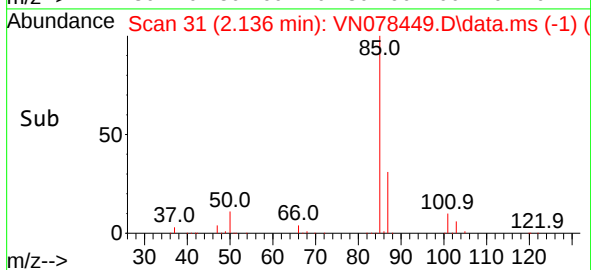
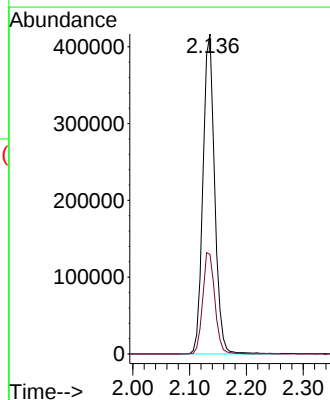
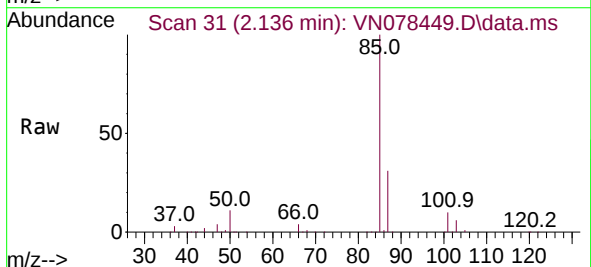
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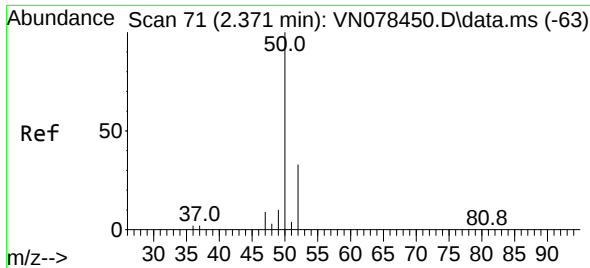
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023



#2
Dichlorodifluoromethane
Concen: 92.198 ug/l
RT: 2.136 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN078449.D
Acq: 10 Jul 2023 12:21

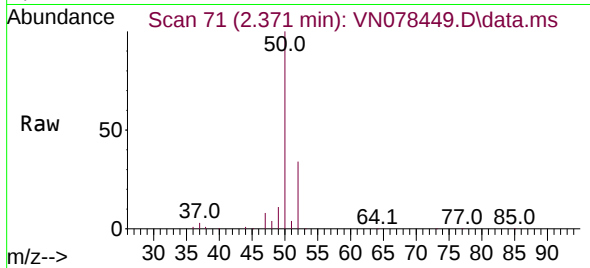
Tgt Ion: 85 Resp: 598287
Ion Ratio Lower Upper
85 100
87 31.1 15.8 47.4





#3
Chloromethane
Concen: 84.916 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078449.D
Acq: 10 Jul 2023 12:21

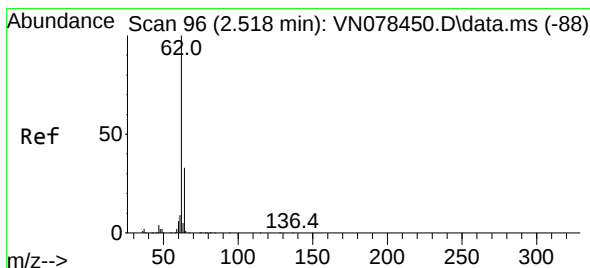
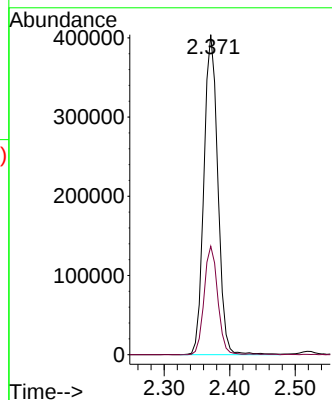
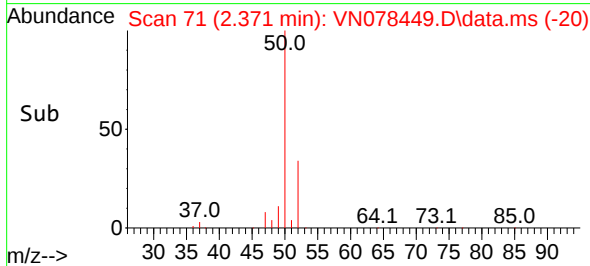
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 50 Resp: 598919
Ion Ratio Lower Upper
50 100
52 33.9 26.5 39.7

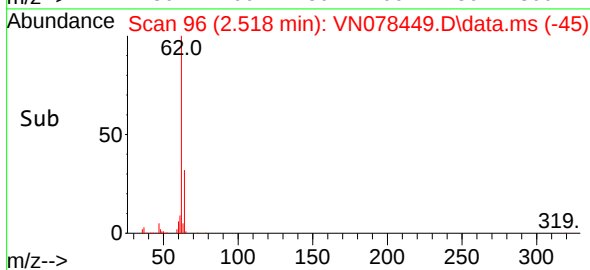
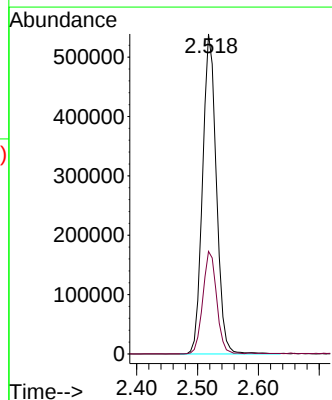
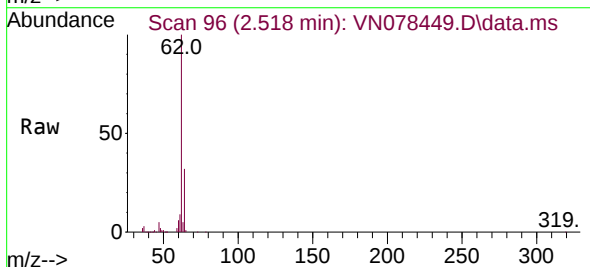
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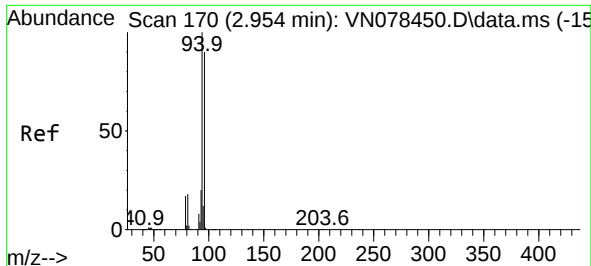
Reviewed By :John Carlone 07/10/2023
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#4
Vinyl Chloride
Concen: 92.996 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN078449.D
Acq: 10 Jul 2023 12:21

Tgt Ion: 62 Resp: 848479
Ion Ratio Lower Upper
62 100
64 32.0 26.2 39.2





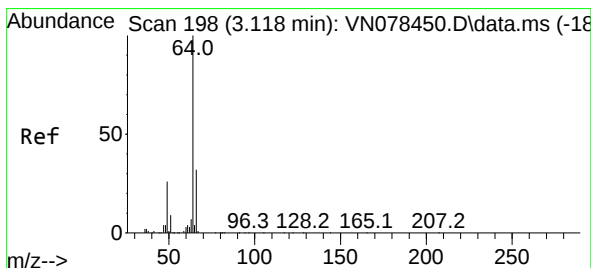
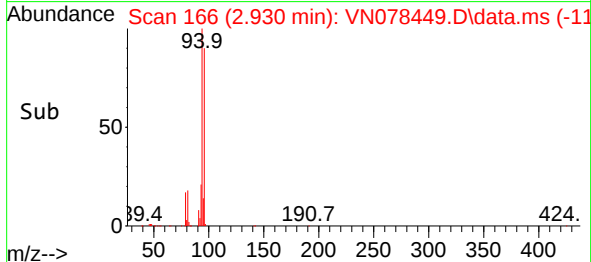
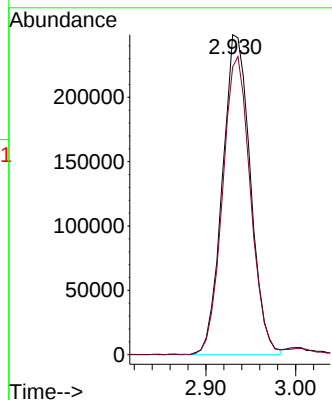
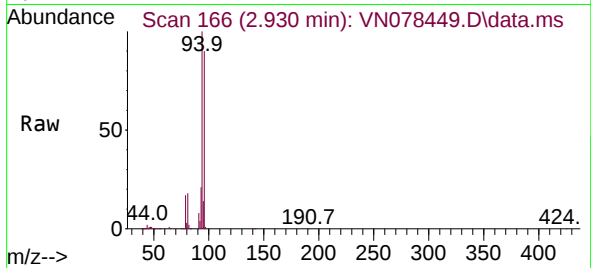
#5
Bromomethane
Concen: 98.088 ug/l
RT: 2.930 min Scan# 11
Delta R.T. -0.024 min
Lab File: VN078449.D
Acq: 10 Jul 2023 12:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 94 Resp: 538464
Ion Ratio Lower Upper
94 100
96 89.9 73.1 109.7

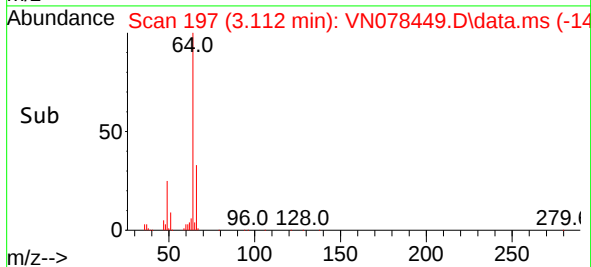
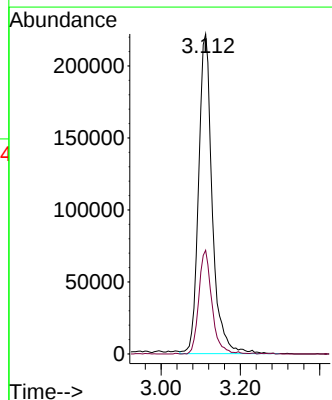
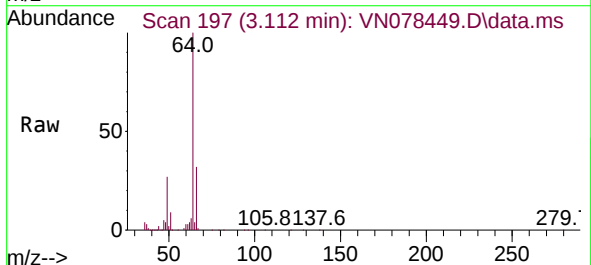
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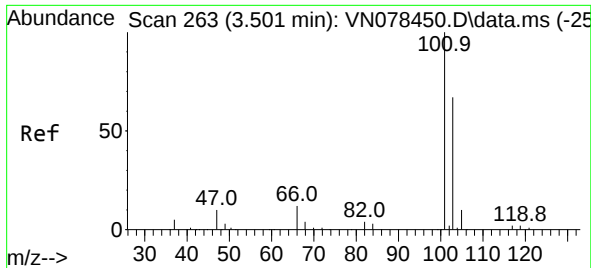
Reviewed By :John Carlone 07/10/2023
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#6
Chloroethane
Concen: 97.693 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.006 min
Lab File: VN078449.D
Acq: 10 Jul 2023 12:21

Tgt Ion: 64 Resp: 529072
Ion Ratio Lower Upper
64 100
66 32.4 25.4 38.2





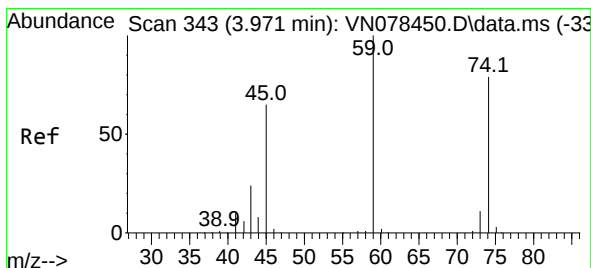
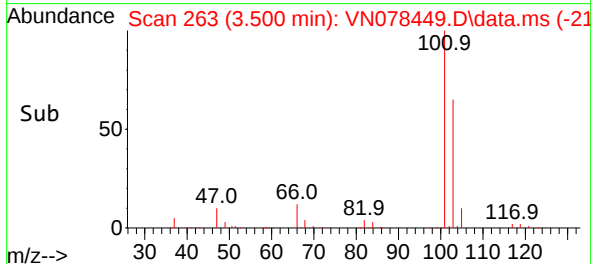
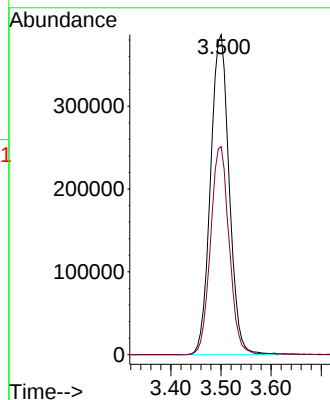
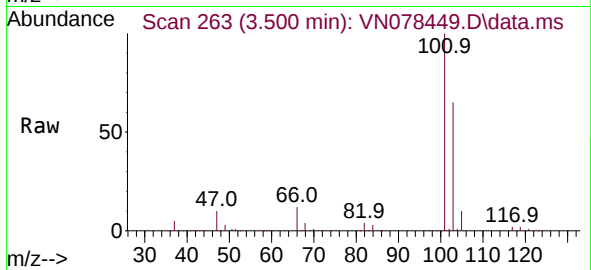
#7
 Trichlorofluoromethane
 Concen: 91.735 ug/l
 RT: 3.500 min Scan# 263
 Delta R.T. -0.001 min
 Lab File: VN078449.D
 Acq: 10 Jul 2023 12:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tgt Ion:101 Resp: 1000520
 Ion Ratio Lower Upper
 101 100
 103 65.1 50.7 76.1

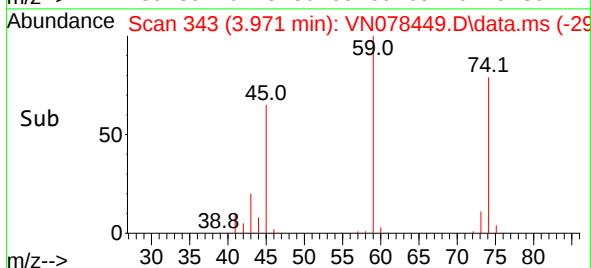
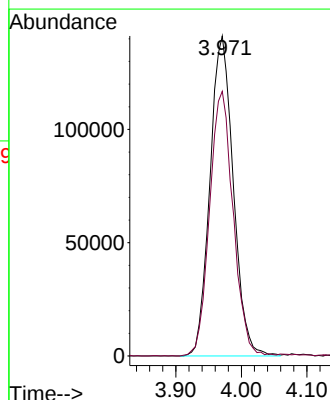
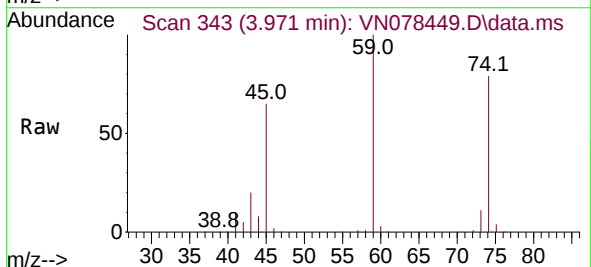
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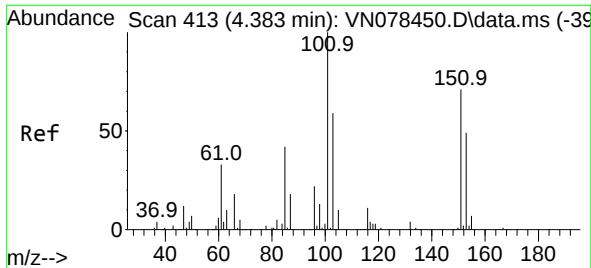
Reviewed By :John Carlone 07/10/2023
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#8
 Diethyl Ether
 Concen: 96.009 ug/l
 RT: 3.971 min Scan# 343
 Delta R.T. -0.000 min
 Lab File: VN078449.D
 Acq: 10 Jul 2023 12:21

Tgt Ion: 74 Resp: 348876
 Ion Ratio Lower Upper
 74 100
 45 83.5 34.4 103.3





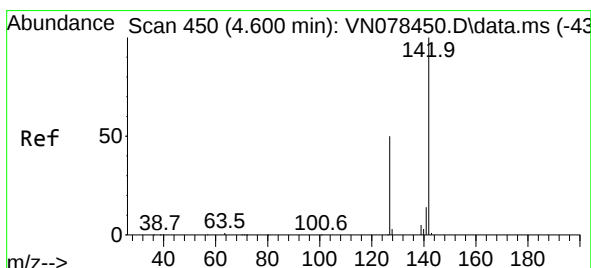
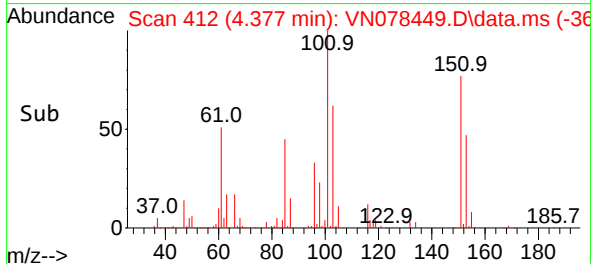
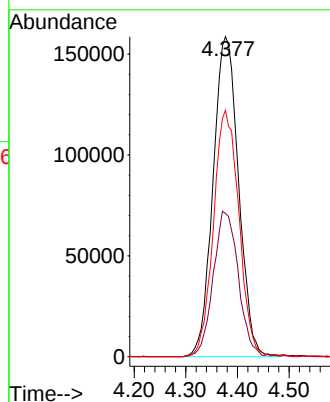
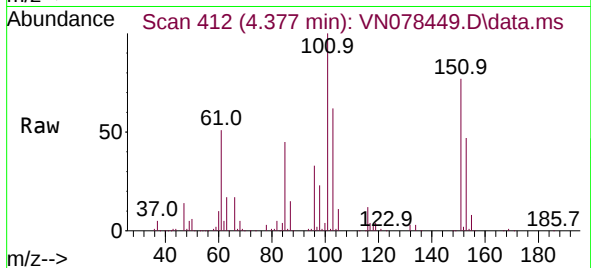
#9
1,1,2-Trichlorotrifluoroethane
Concen: 94.070 ug/l
RT: 4.377 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN078449.D
Acq: 10 Jul 2023 12:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:101 Resp: 54311
Ion Ratio Lower Upper
101 100
85 44.7 36.6 55.0
151 76.6 57.6 86.4

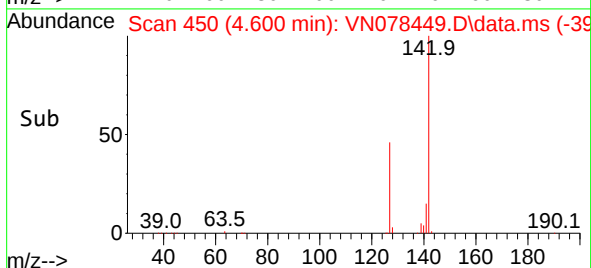
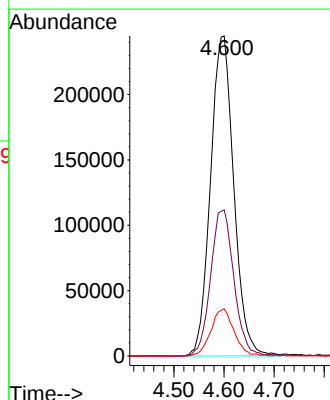
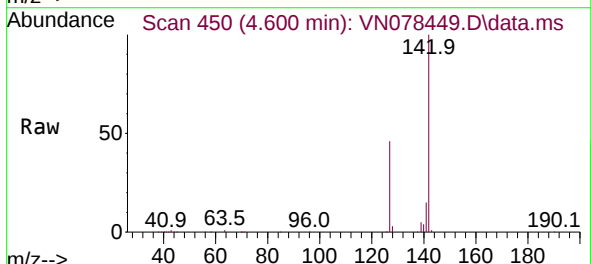
Manual Integrations
APPROVED

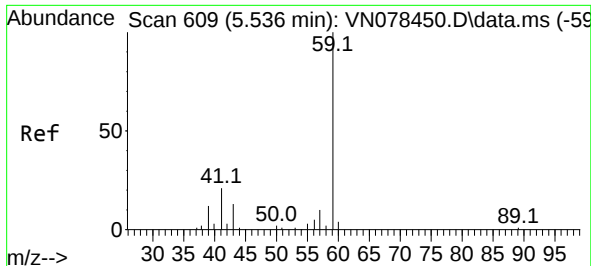
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023



#10
Methyl Iodide
Concen: 99.715 ug/l
RT: 4.600 min Scan# 450
Delta R.T. 0.000 min
Lab File: VN078449.D
Acq: 10 Jul 2023 12:21

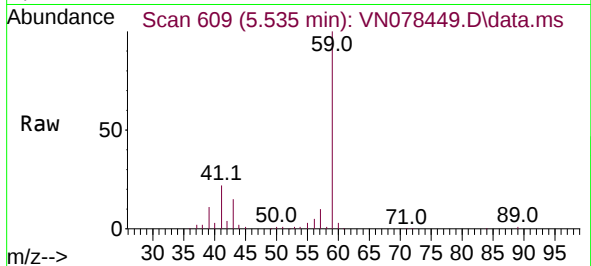
Tgt Ion:142 Resp: 791102
Ion Ratio Lower Upper
142 100
127 45.6 37.6 56.4
141 14.8 11.4 17.0





#11
Tert butyl alcohol
Concen: 457.168 ug/l
RT: 5.535 min Scan# 609
Delta R.T. -0.000 min
Lab File: VN078449.D
Acq: 10 Jul 2023 12:21

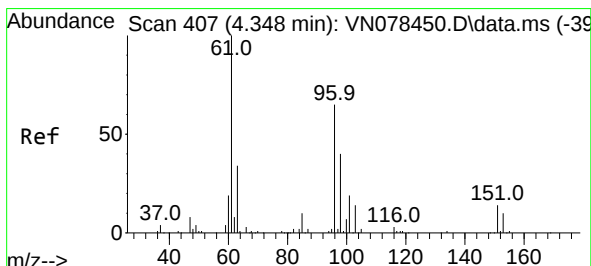
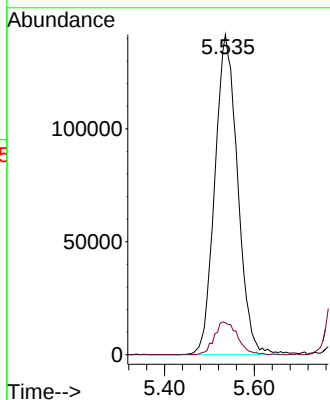
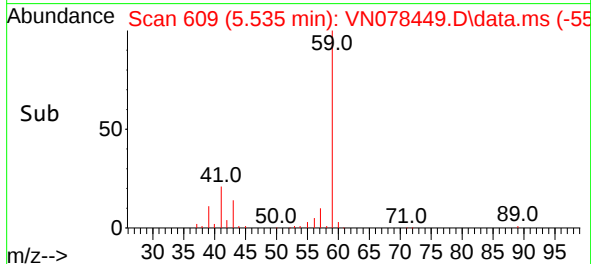
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



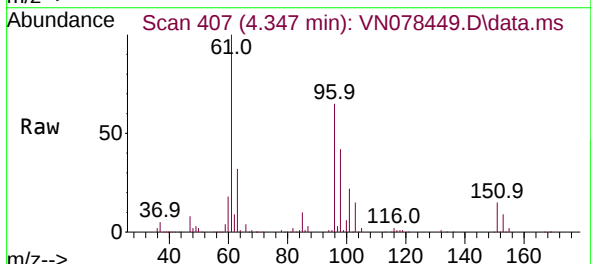
Tgt Ion: 59 Resp: 50020
Ion Ratio Lower Upper
59 100
57 10.5 8.2 12.4

Manual Integrations
APPROVED

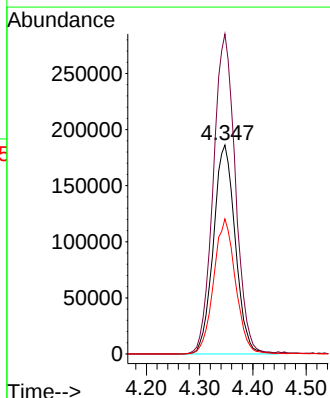
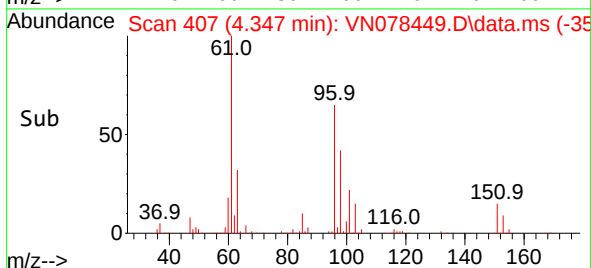
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023

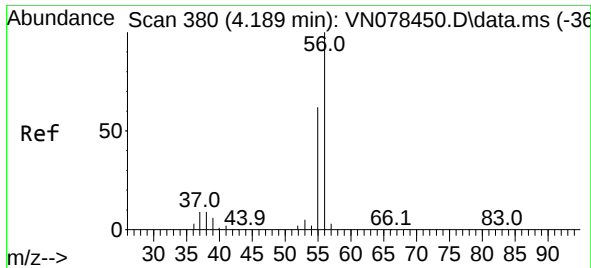


#12
1,1-Dichloroethene
Concen: 95.180 ug/l
RT: 4.347 min Scan# 407
Delta R.T. -0.001 min
Lab File: VN078449.D
Acq: 10 Jul 2023 12:21



Tgt Ion: 96 Resp: 531553
Ion Ratio Lower Upper
96 100
61 153.2 112.7 169.1
98 64.6 51.2 76.8





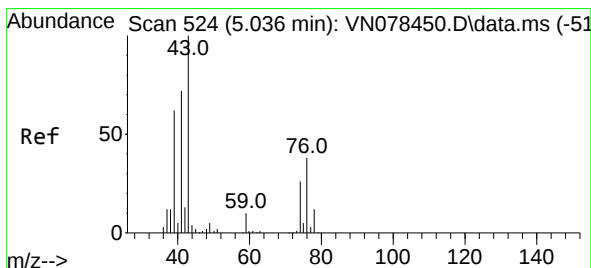
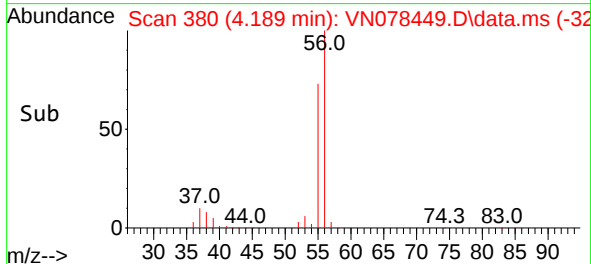
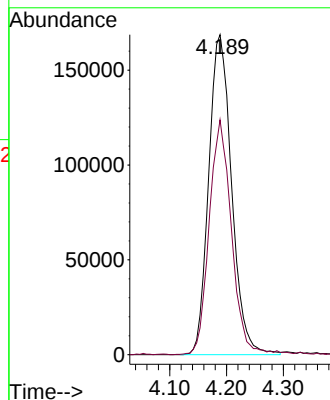
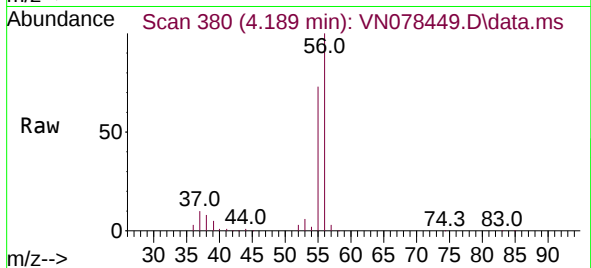
#13
Acrolein
Concen: 439.093 ug/l
RT: 4.189 min Scan# 380
Delta R.T. -0.000 min
Lab File: VN078449.D
Acq: 10 Jul 2023 12:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 56 Resp: 472679
Ion Ratio Lower Upper
56 100
55 71.0 54.5 81.7

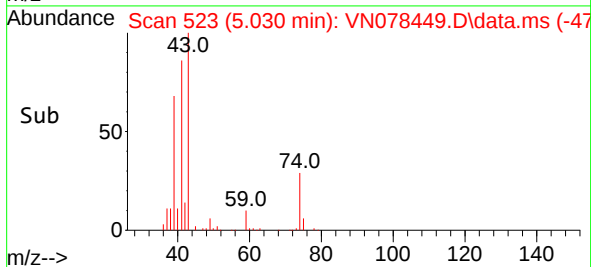
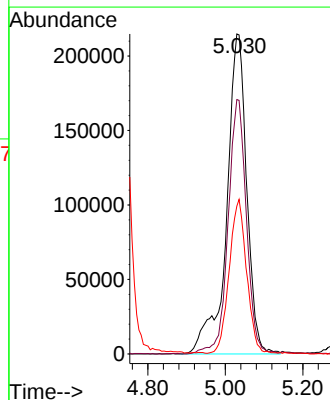
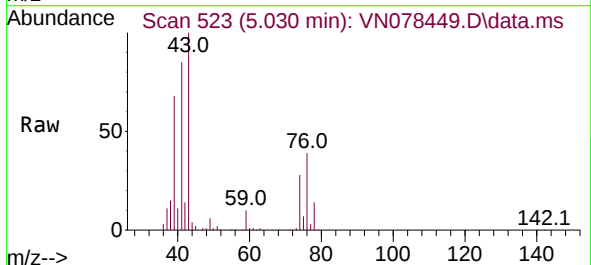
Manual Integrations
APPROVED

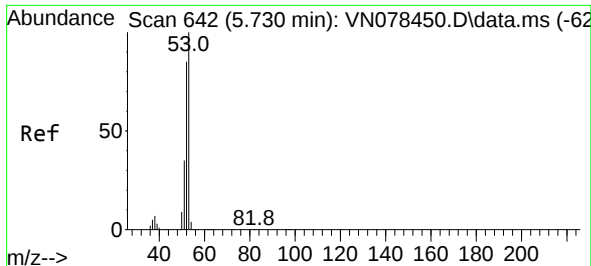
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023



#14
Allyl chloride
Concen: 101.785 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.006 min
Lab File: VN078449.D
Acq: 10 Jul 2023 12:21

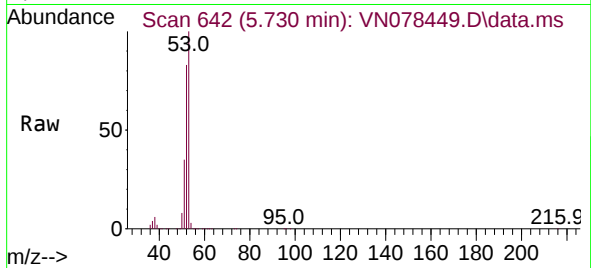
Tgt Ion: 41 Resp: 776741
Ion Ratio Lower Upper
41 100
39 72.2 58.8 88.2
76 41.2 39.1 58.7





#15
Acrylonitrile
Concen: 471.888 ug/l
RT: 5.730 min Scan# 642
Delta R.T. -0.000 min
Lab File: VN078449.D
Acq: 10 Jul 2023 12:21

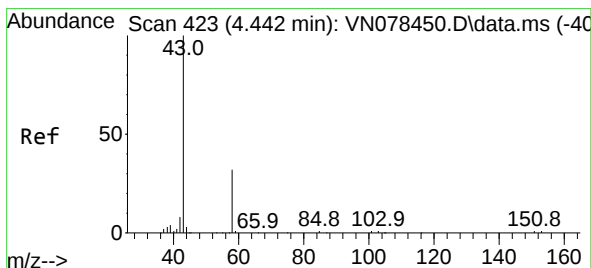
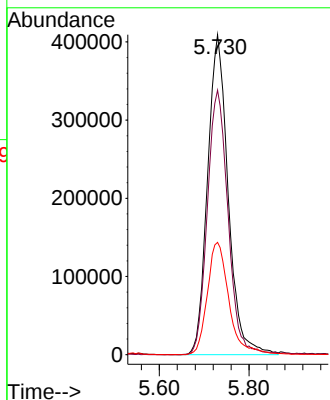
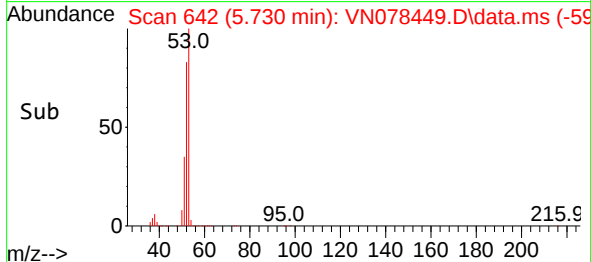
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 53 Resp: 130451
Ion Ratio Lower Upper
53 100
52 83.2 65.3 97.9
51 37.0 28.9 43.3

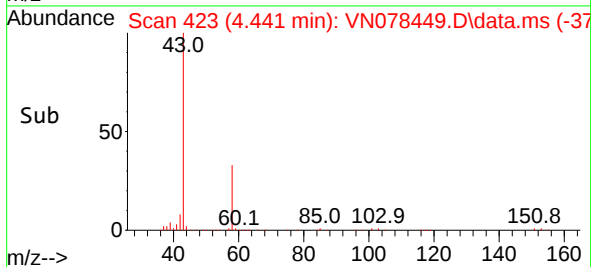
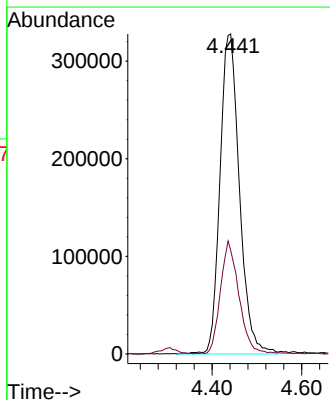
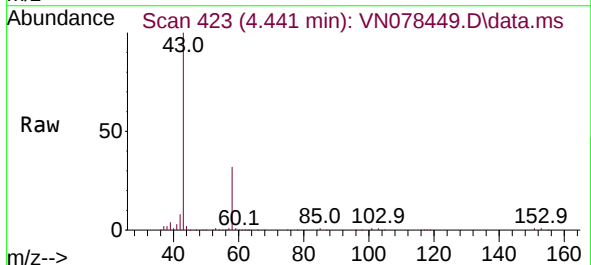
Manual Integrations
APPROVED

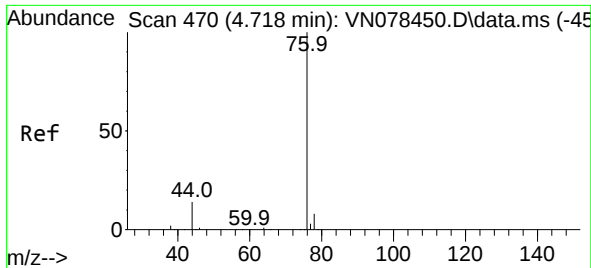
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023



#16
Acetone
Concen: 447.746 ug/l
RT: 4.441 min Scan# 423
Delta R.T. -0.001 min
Lab File: VN078449.D
Acq: 10 Jul 2023 12:21

Tgt Ion: 43 Resp: 989619
Ion Ratio Lower Upper
43 100
58 32.0 28.0 42.0





#17

Carbon Disulfide

Concen: 92.251 ug/l

RT: 4.718 min Scan# 41

Delta R.T. -0.000 min

Lab File: VN078449.D

Acq: 10 Jul 2023 12:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 76 Resp: 1489774

Ion Ratio Lower Upper

76 100

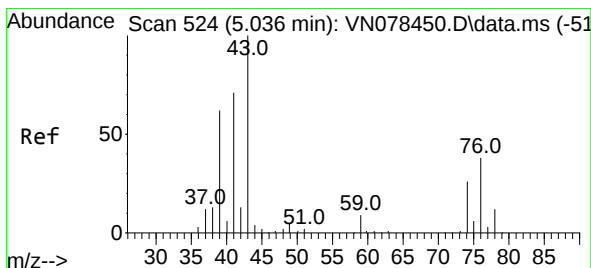
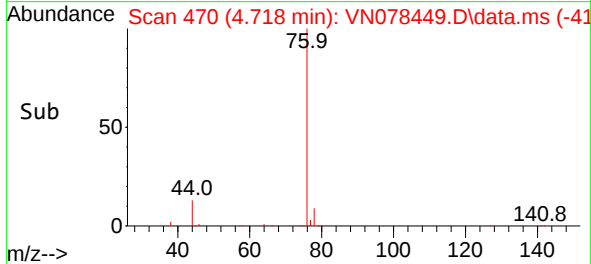
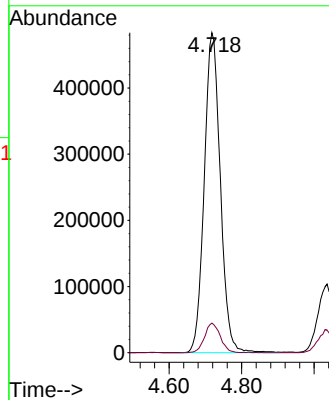
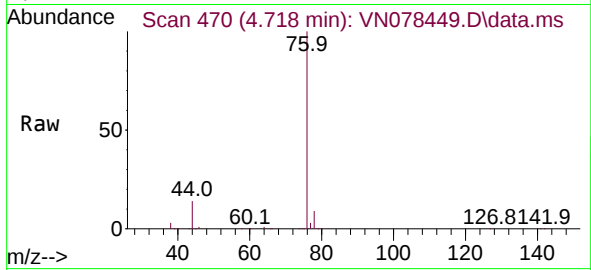
78 9.2 7.4 11.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/10/2023

Supervised By :Mahesh Dadoda 07/11/2023



#18

Methyl Acetate

Concen: 90.022 ug/l

RT: 5.036 min Scan# 524

Delta R.T. -0.000 min

Lab File: VN078449.D

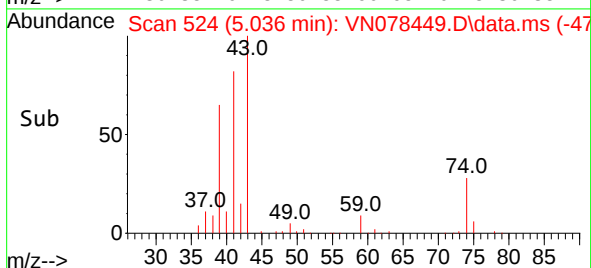
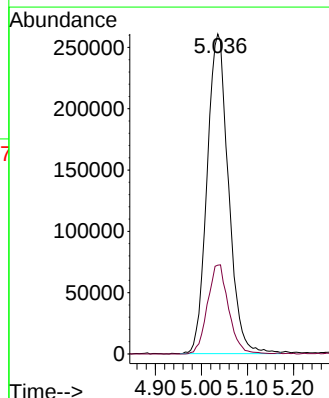
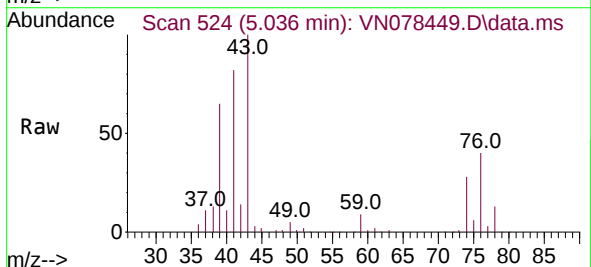
Acq: 10 Jul 2023 12:21

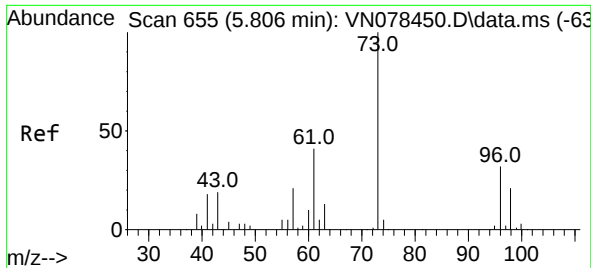
Tgt Ion: 43 Resp: 842277

Ion Ratio Lower Upper

43 100

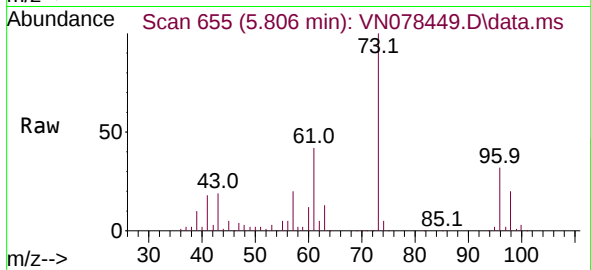
74 27.6 26.2 39.4





#19
Methyl tert-butyl Ether
Concen: 97.168 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN078449.D
Acq: 10 Jul 2023 12:21

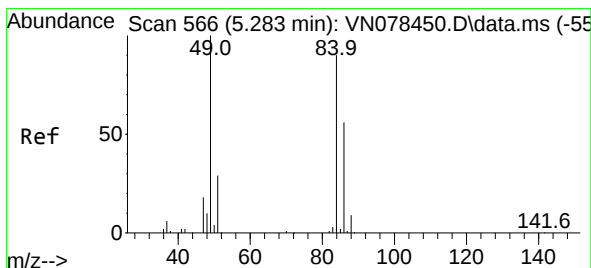
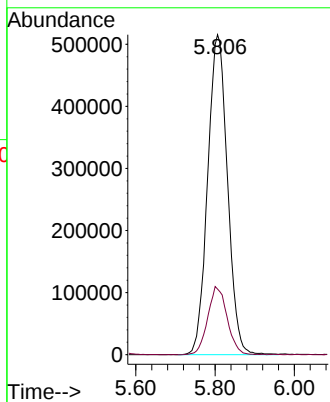
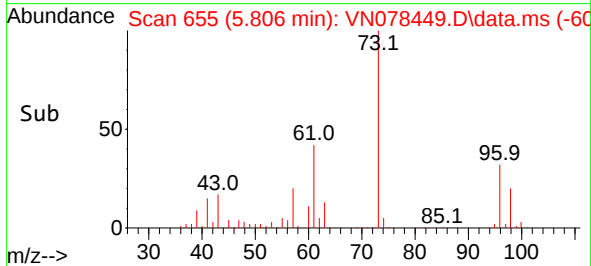
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 73 Resp: 178795
Ion Ratio Lower Upper
73 100
57 20.5 15.6 23.4

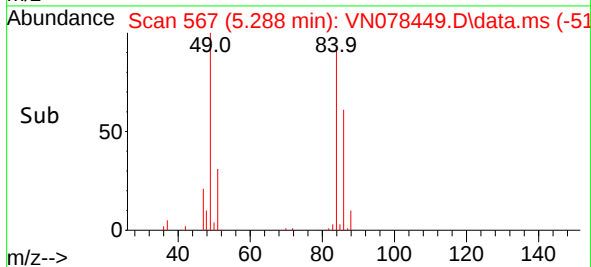
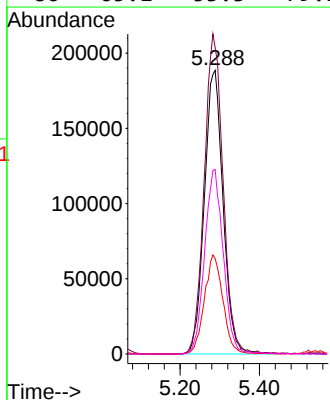
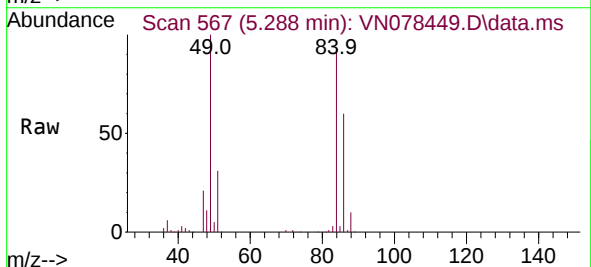
Manual Integrations
APPROVED

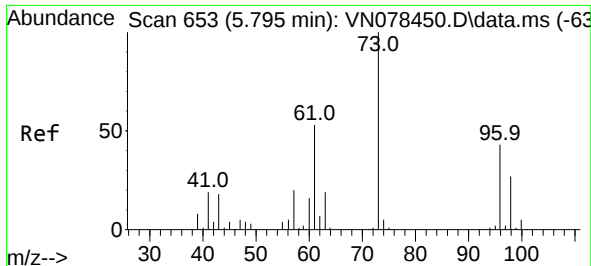
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023



#20
Methylene Chloride
Concen: 99.918 ug/l
RT: 5.288 min Scan# 567
Delta R.T. 0.005 min
Lab File: VN078449.D
Acq: 10 Jul 2023 12:21

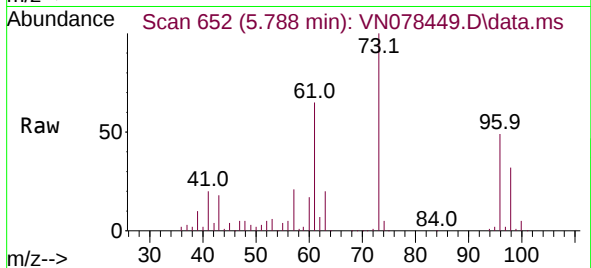
Tgt Ion: 84 Resp: 619280
Ion Ratio Lower Upper
84 100
49 108.0 79.7 119.5
51 33.7 25.2 37.8
86 65.1 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 94.500 ug/l
RT: 5.788 min Scan# 61
Delta R.T. -0.007 min
Lab File: VN078449.D
Acq: 10 Jul 2023 12:21

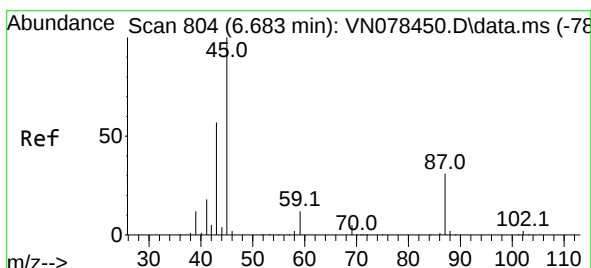
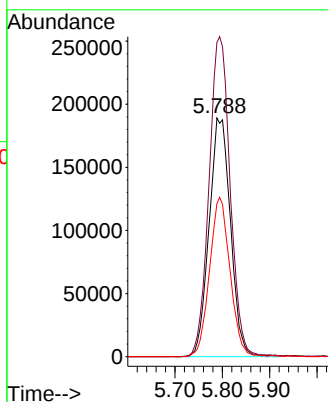
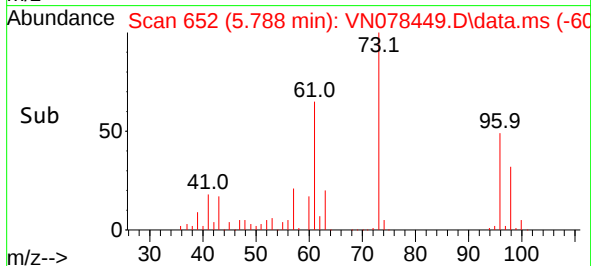
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



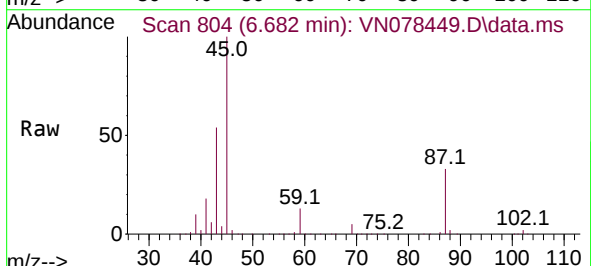
Tgt Ion: 96 Resp: 594718
Ion Ratio Lower Upper
96 100
61 131.7 90.1 135.1
98 64.2 46.4 69.6

Manual Integrations
APPROVED

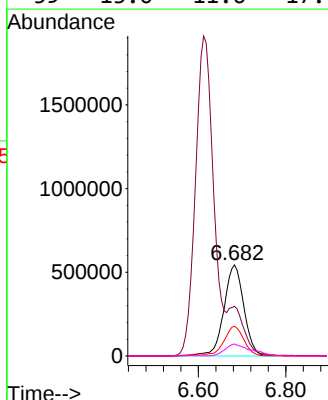
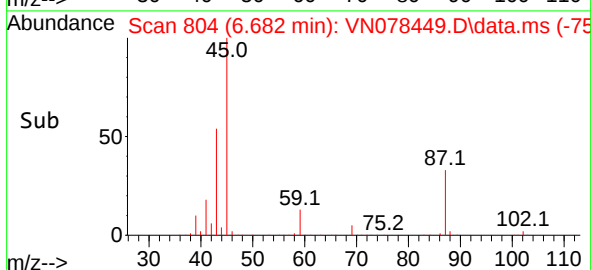
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023

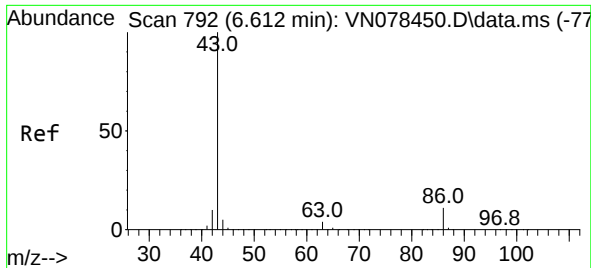


#22
Diisopropyl ether
Concen: 100.349 ug/l
RT: 6.682 min Scan# 804
Delta R.T. -0.001 min
Lab File: VN078449.D
Acq: 10 Jul 2023 12:21



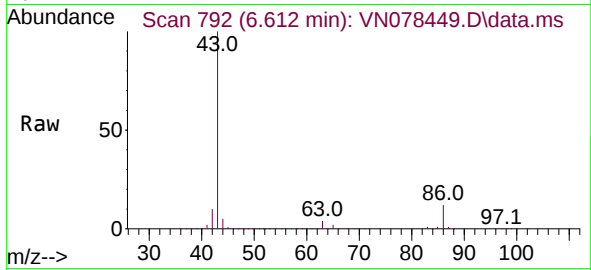
Tgt Ion: 45 Resp: 1714703
Ion Ratio Lower Upper
45 100
43 53.8 45.5 68.3
87 32.4 31.8 47.8
59 13.0 11.6 17.4





#23
 Vinyl Acetate
 Concen: 510.470 ug/l
 RT: 6.612 min Scan# 792
 Delta R.T. -0.000 min
 Lab File: VN078449.D
 Acq: 10 Jul 2023 12:21

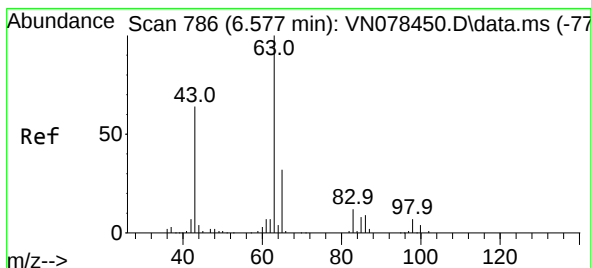
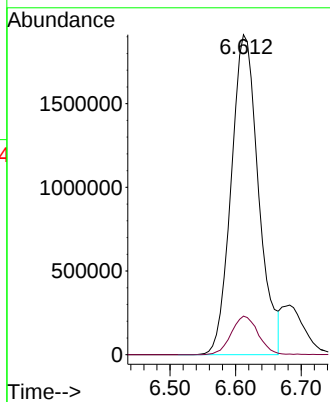
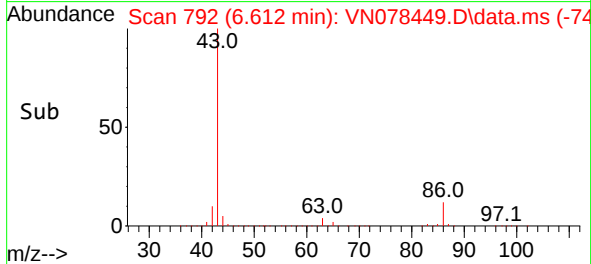
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100



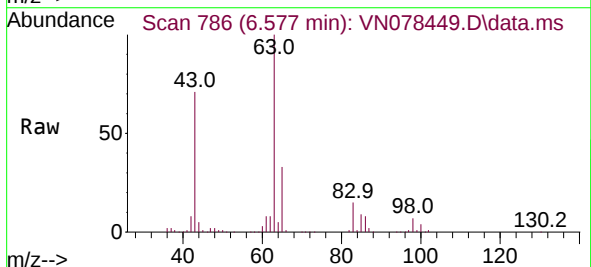
Tgt Ion: 43 Resp: 554529
 Ion Ratio Lower Upper
 43 100
 86 12.0 13.0 19.6

Manual Integrations
 APPROVED

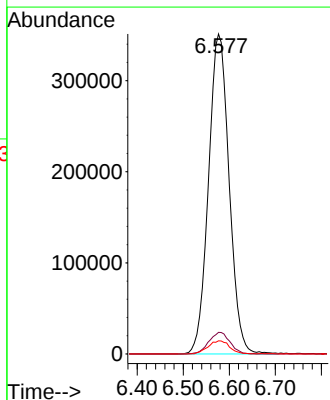
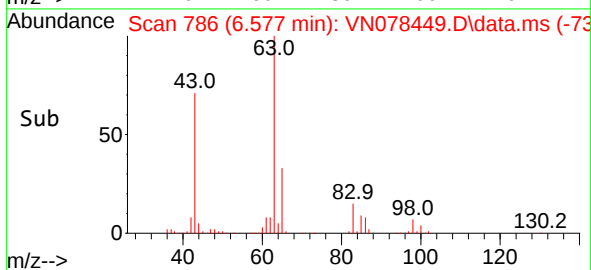
Reviewed By :John Carlone 07/10/2023
 Supervised By :Mahesh Dadoda 07/11/2023

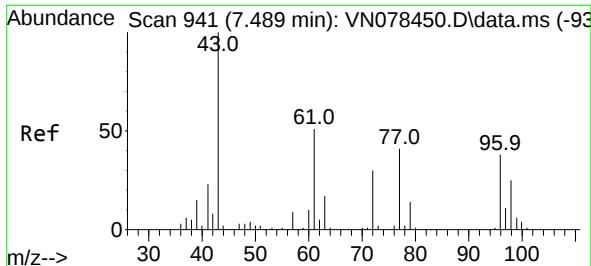


#24
 1,1-Dichloroethane
 Concen: 94.898 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. -0.000 min
 Lab File: VN078449.D
 Acq: 10 Jul 2023 12:21



Tgt Ion: 63 Resp: 1092661
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.9 11.7
 100 4.1 2.5 7.4





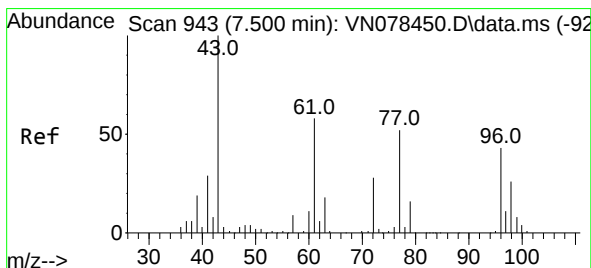
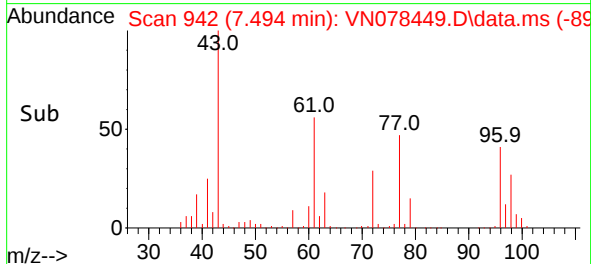
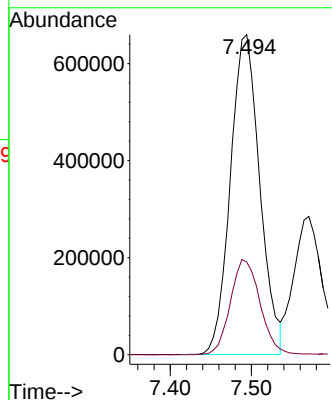
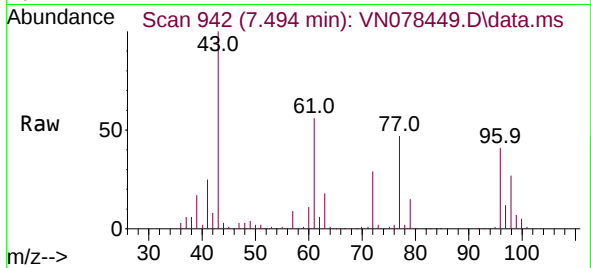
#25
2-Butanone
Concen: 477.304 ug/l
RT: 7.494 min Scan# 941
Delta R.T. 0.005 min
Lab File: VN078449.D
Acq: 10 Jul 2023 12:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 43 Resp: 1660630
Ion Ratio Lower Upper
43 100
72 29.0 30.2 45.2

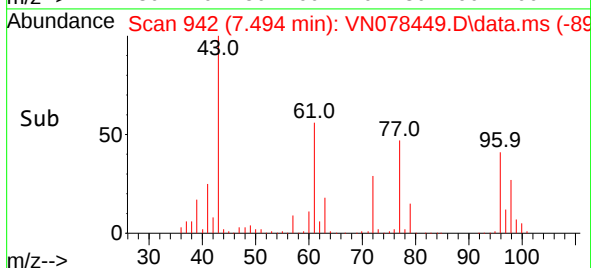
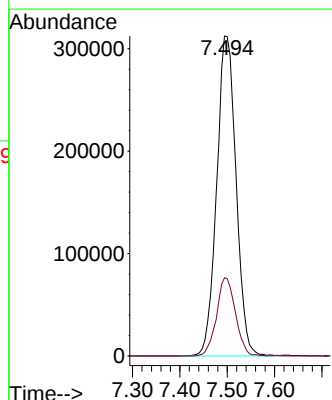
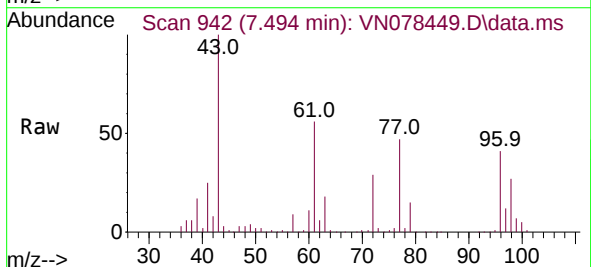
Manual Integrations
APPROVED

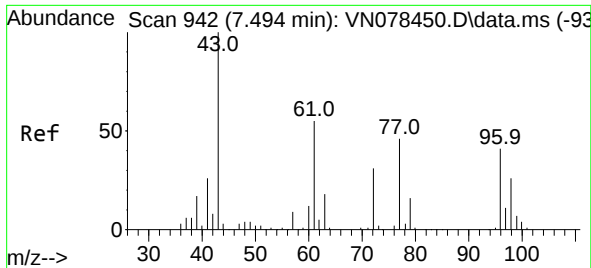
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023



#26
2,2-Dichloropropane
Concen: 94.354 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.006 min
Lab File: VN078449.D
Acq: 10 Jul 2023 12:21

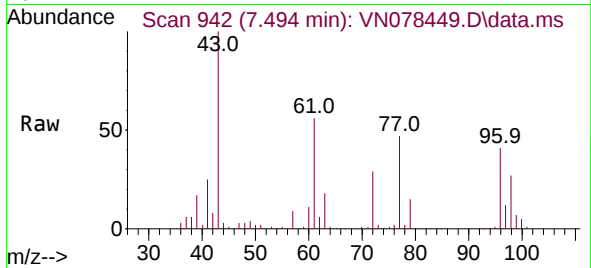
Tgt Ion: 77 Resp: 888554
Ion Ratio Lower Upper
77 100
97 23.9 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 97.820 ug/l
 RT: 7.494 min Scan# 942
 Delta R.T. 0.000 min
 Lab File: VN078449.D
 Acq: 10 Jul 2023 12:21

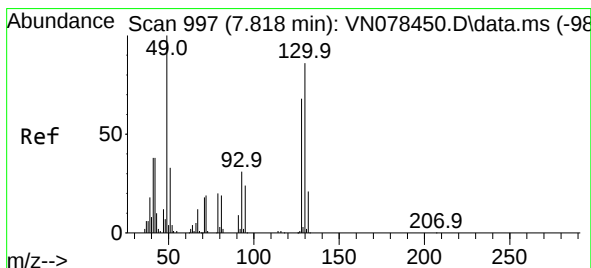
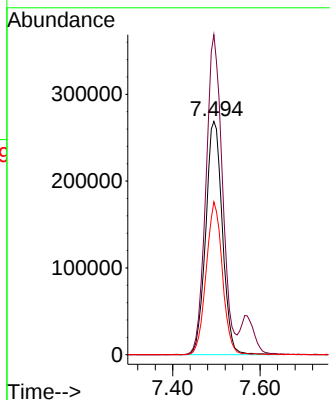
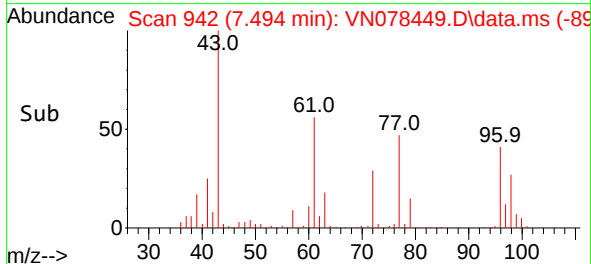
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100



Tgt Ion: 96 Resp: 712162
 Ion Ratio Lower Upper
 96 100
 61 135.5 0.0 255.2
 98 63.6 0.0 128.8

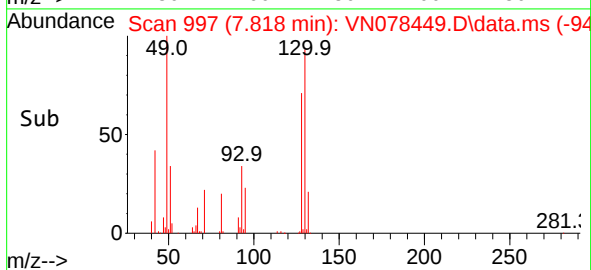
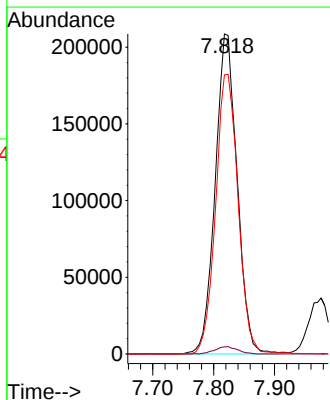
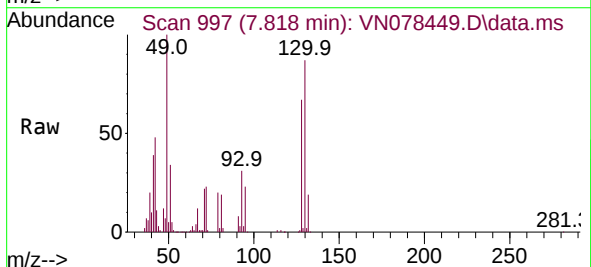
Manual Integrations
 APPROVED

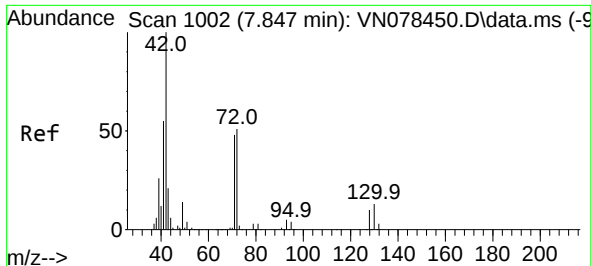
Reviewed By :John Carlone 07/10/2023
 Supervised By :Mahesh Dadoda 07/11/2023



#28
 Bromochloromethane
 Concen: 96.276 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. -0.000 min
 Lab File: VN078449.D
 Acq: 10 Jul 2023 12:21

Tgt Ion: 49 Resp: 522124
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 4.8
 130 89.5 75.3 112.9





#29

Tetrahydrofuran

Concen: 477.975 ug/l

RT: 7.841 min Scan# 1002

Delta R.T. -0.006 min

Lab File: VN078449.D

Acq: 10 Jul 2023 12:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 42 Resp: 109118

Ion Ratio Lower Upper

42 100

72 50.5 49.8 74.6

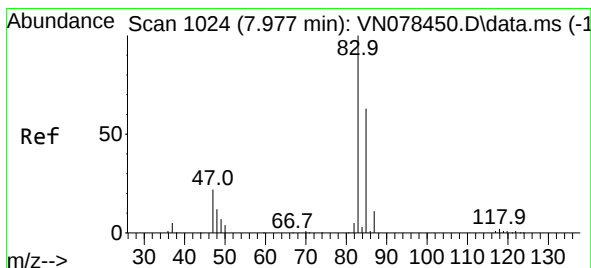
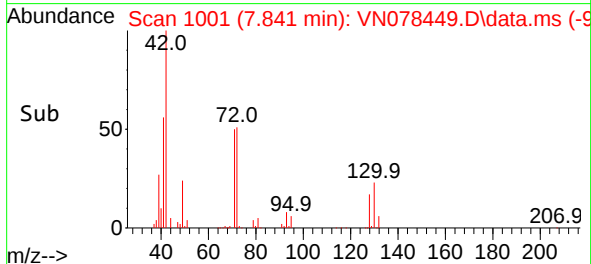
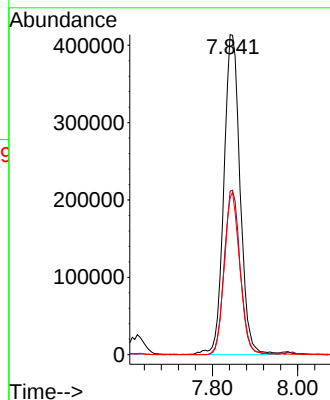
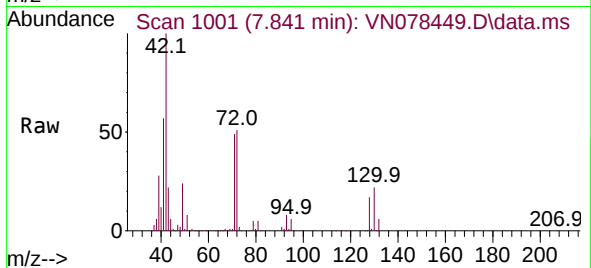
71 48.8 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/10/2023

Supervised By :Mahesh Dadoda 07/11/2023



#30

Chloroform

Concen: 96.940 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. -0.006 min

Lab File: VN078449.D

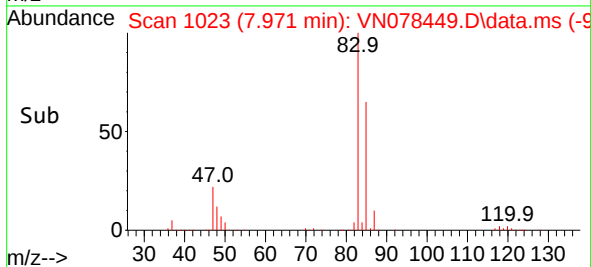
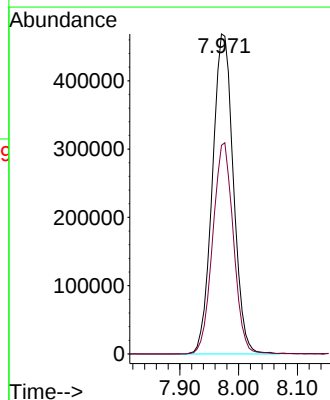
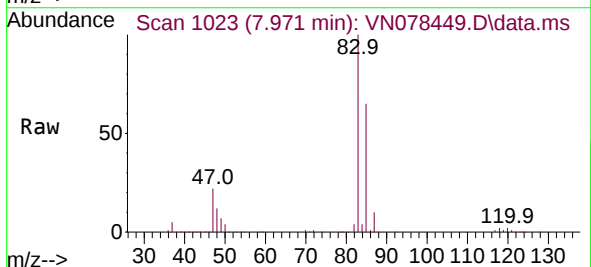
Acq: 10 Jul 2023 12:21

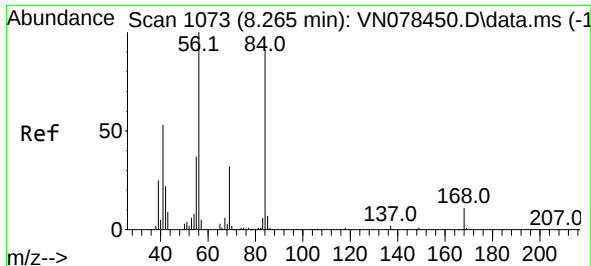
Tgt Ion: 83 Resp: 1162056

Ion Ratio Lower Upper

83 100

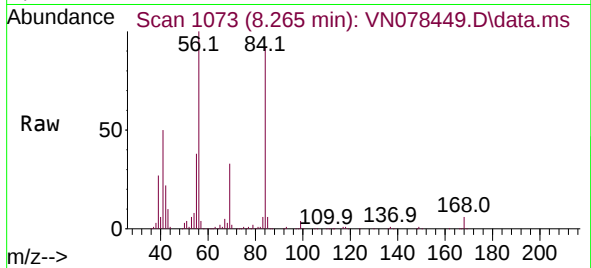
85 65.2 55.4 83.0





#31
Cyclohexane
Concen: 91.053 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN078449.D
Acq: 10 Jul 2023 12:21

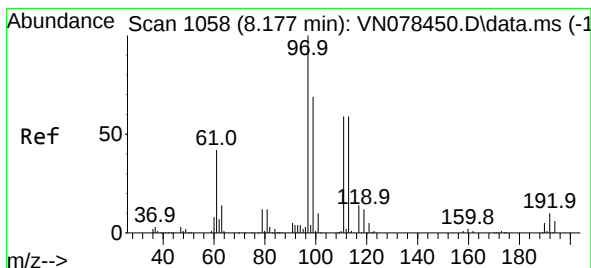
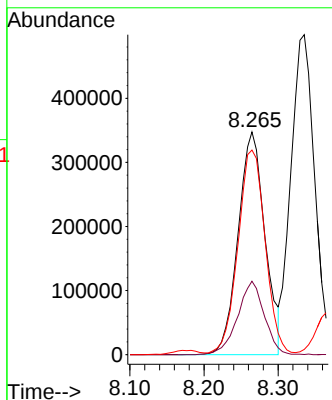
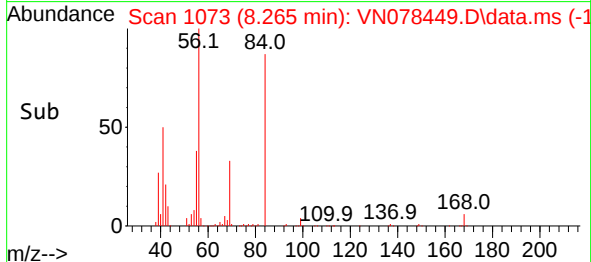
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



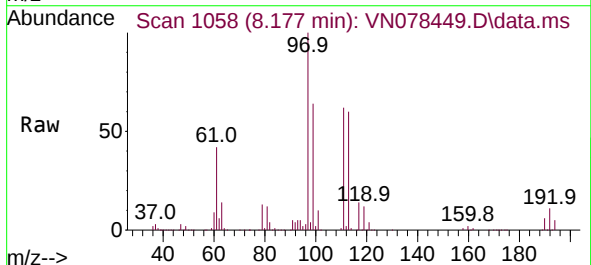
Tgt Ion: 56 Resp: 87312
Ion Ratio Lower Upper
56 100
69 32.9 26.8 40.2
84 90.2 81.8 122.6

Manual Integrations
APPROVED

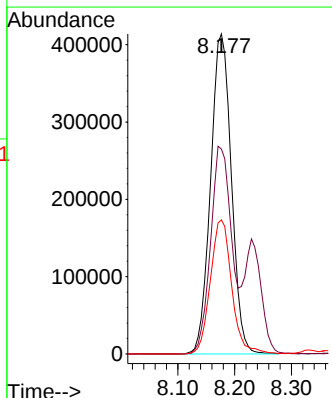
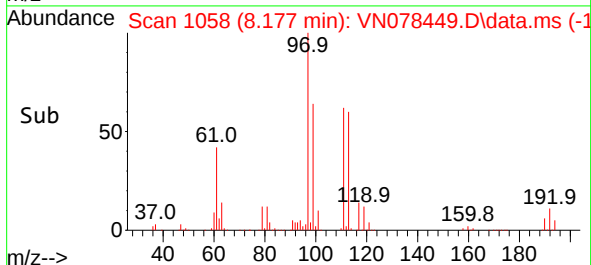
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023

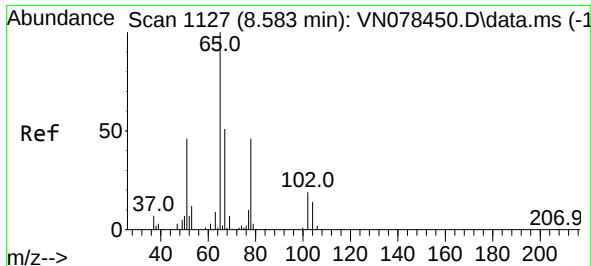


#32
1,1,1-Trichloroethane
Concen: 97.825 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078449.D
Acq: 10 Jul 2023 12:21



Tgt Ion: 97 Resp: 1051373
Ion Ratio Lower Upper
97 100
99 64.6 50.3 75.5
61 43.1 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 97.226 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.005 min

Lab File: VN078449.D

Acq: 10 Jul 2023 12:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 65 Resp: 689860

Ion Ratio Lower Upper

65 100

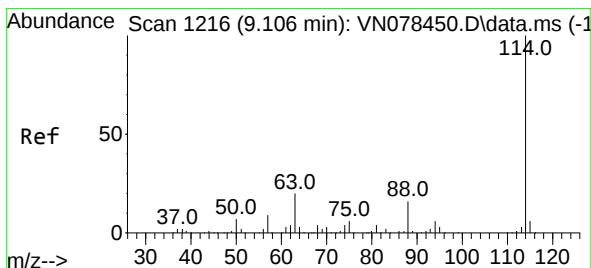
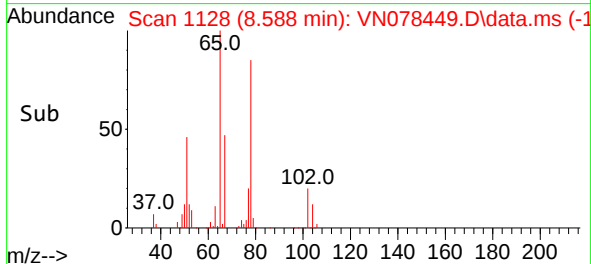
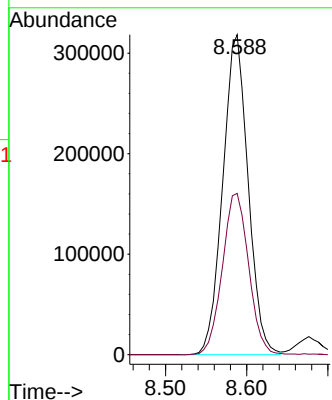
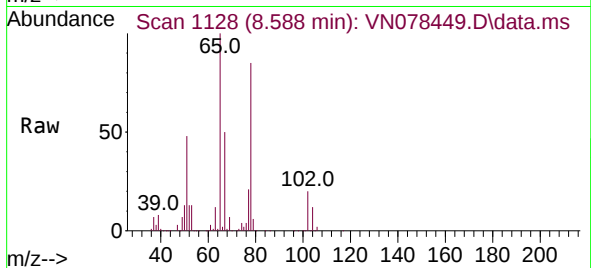
67 52.5 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/10/2023

Supervised By :Mahesh Dadoda 07/11/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VN078449.D

Acq: 10 Jul 2023 12:21

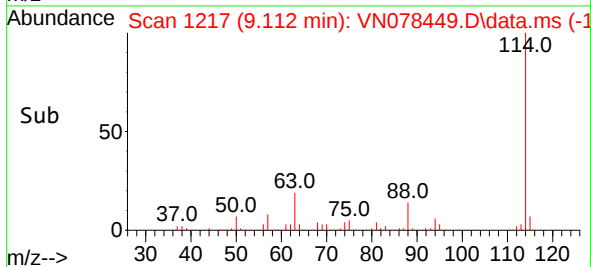
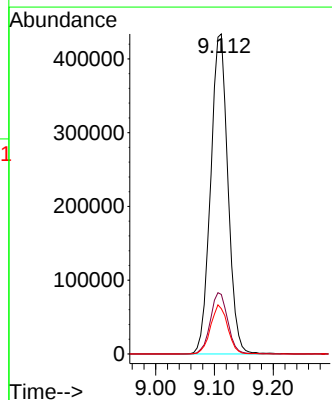
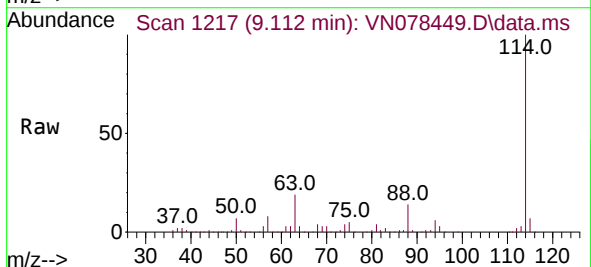
Tgt Ion:114 Resp: 884816

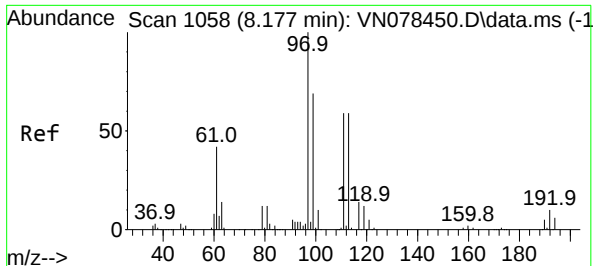
Ion Ratio Lower Upper

114 100

63 18.6 0.0 36.4

88 14.2 0.0 30.6





#35

Dibromofluoromethane

Concen: 99.718 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VN078449.D

Acq: 10 Jul 2023 12:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 113 Resp: 598949

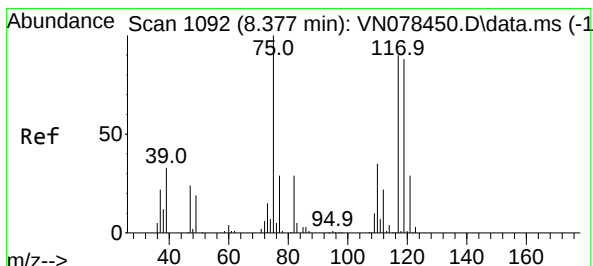
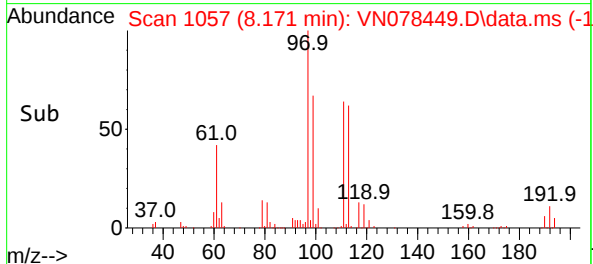
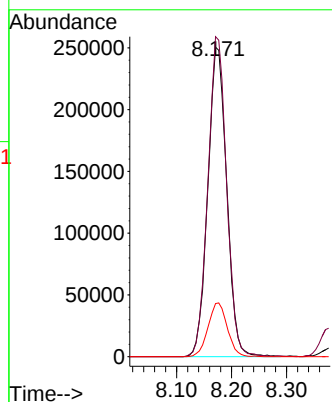
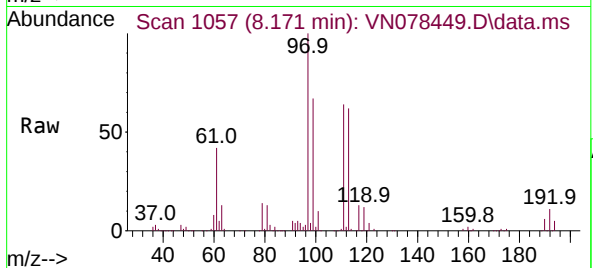
Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.6	123.8
192	17.7	12.7	19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/10/2023

Supervised By :Mahesh Dadoda 07/11/2023



#36

1,1-Dichloropropene

Concen: 101.073 ug/l

RT: 8.377 min Scan# 1092

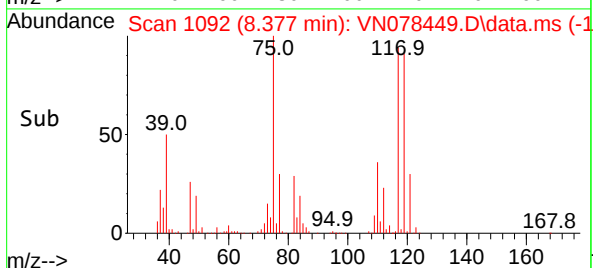
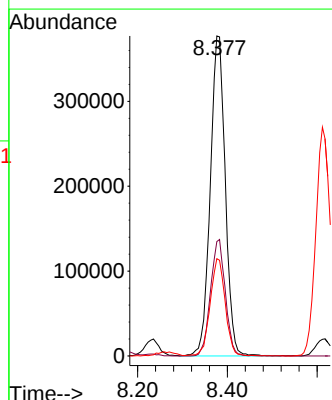
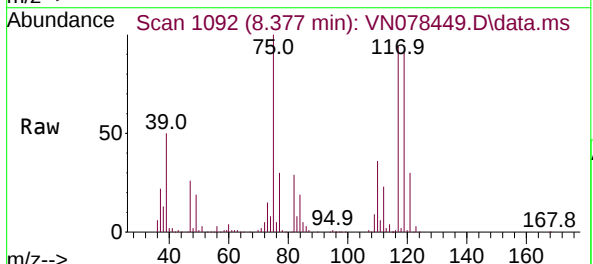
Delta R.T. -0.001 min

Lab File: VN078449.D

Acq: 10 Jul 2023 12:21

Tgt Ion: 75 Resp: 876574

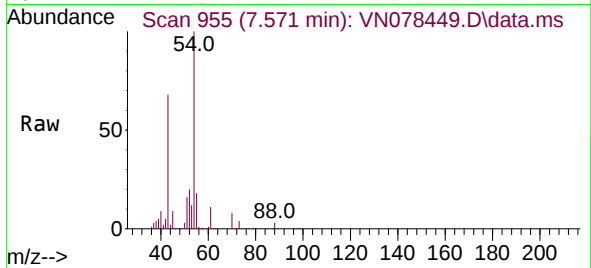
Ion	Ratio	Lower	Upper
75	100		
110	35.8	19.1	57.3
77	30.1	25.0	37.4





#37
Ethyl Acetate
Concen: 98.754 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN078449.D
Acq: 10 Jul 2023 12:21

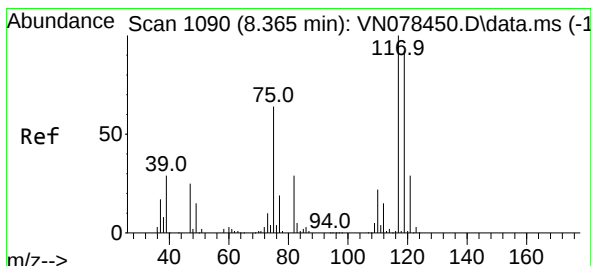
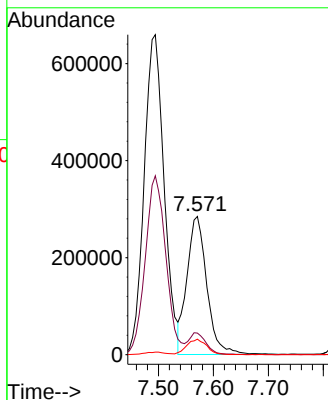
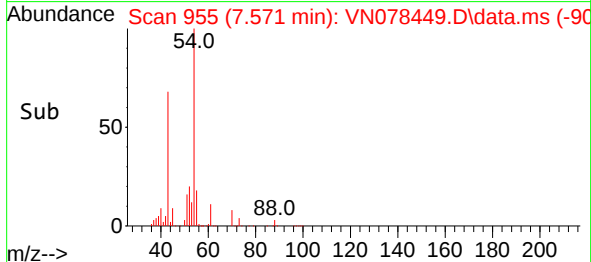
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 43 Resp: 71396
Ion Ratio Lower Upper
43 100
61 13.7 13.2 19.8
70 11.1 11.3 16.9

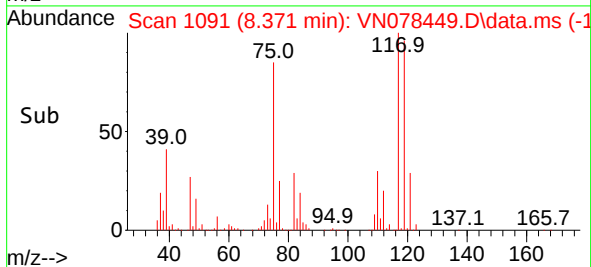
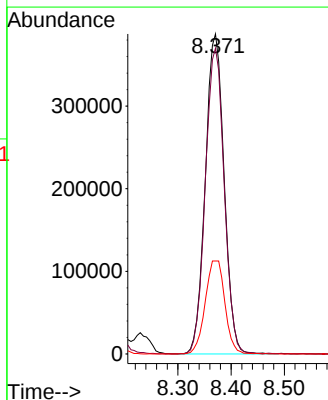
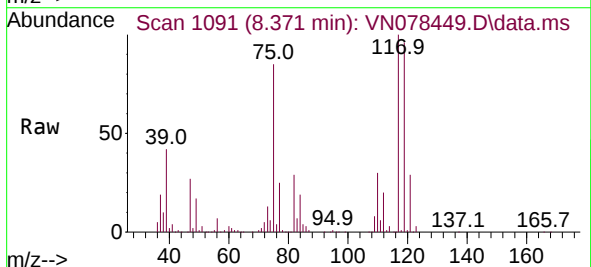
Manual Integrations
APPROVED

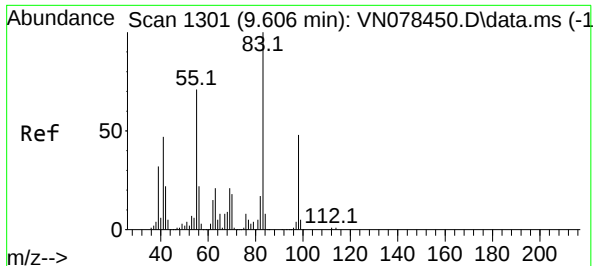
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023



#38
Carbon Tetrachloride
Concen: 100.894 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN078449.D
Acq: 10 Jul 2023 12:21

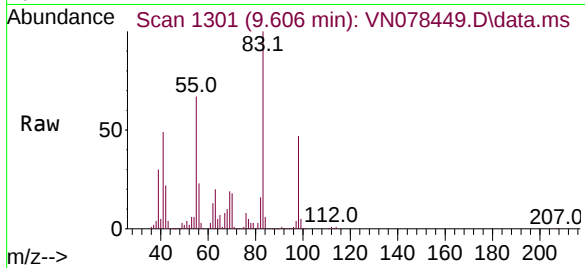
Tgt Ion:117 Resp: 951010
Ion Ratio Lower Upper
117 100
119 95.5 77.3 115.9
121 29.1 23.3 34.9





#39
Methylcyclohexane
Concen: 103.718 ug/l
RT: 9.606 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN078449.D
Acq: 10 Jul 2023 12:21

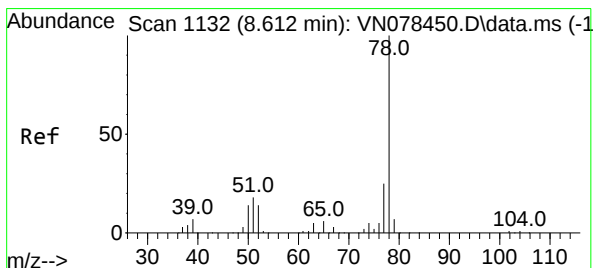
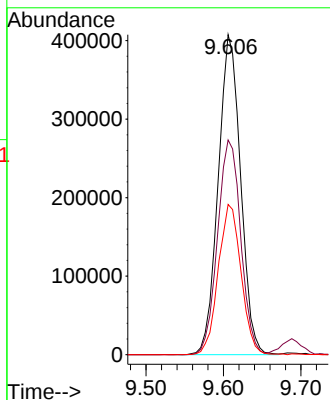
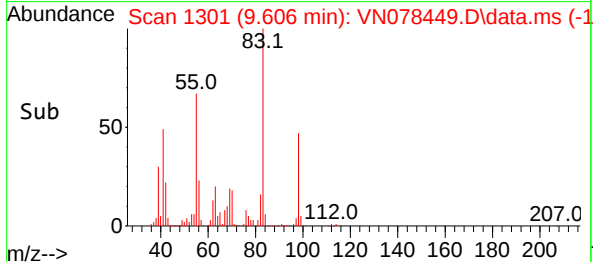
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



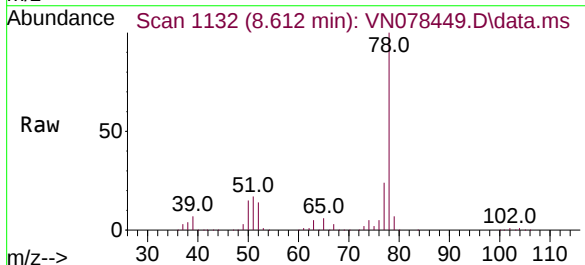
Tgt Ion: 83 Resp: 821072
Ion Ratio Lower Upper
83 100
55 67.0 49.1 73.7
98 47.0 40.6 61.0

Manual Integrations
APPROVED

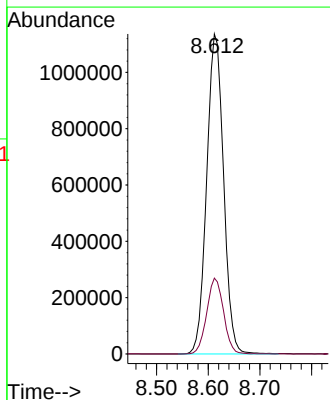
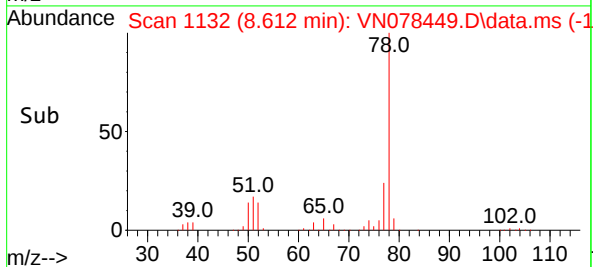
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023

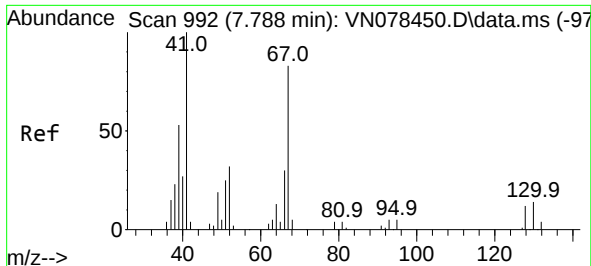


#40
Benzene
Concen: 100.399 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN078449.D
Acq: 10 Jul 2023 12:21



Tgt Ion: 78 Resp: 2579598
Ion Ratio Lower Upper
78 100
77 23.7 19.0 28.6





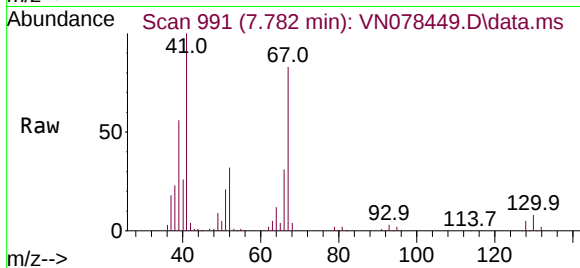
#41
Methacrylonitrile
Concen: 99.379 ug/l
RT: 7.782 min Scan# 991
Delta R.T. -0.006 min
Lab File: VN078449.D
Acq: 10 Jul 2023 12:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100



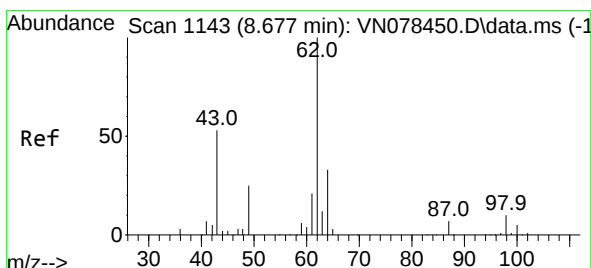
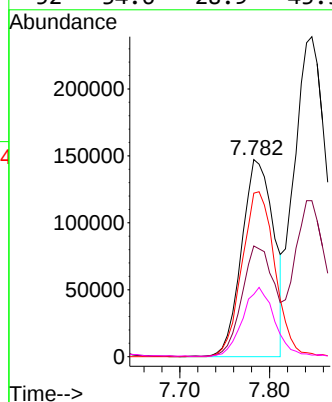
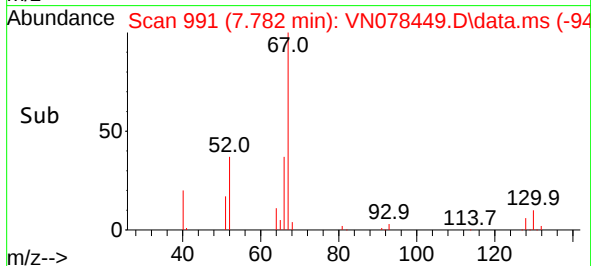
Tgt Ion: 41 Resp: 366272
Ion Ratio Lower Upper
41 100
39 56.2 42.6 64.0
67 86.5 77.5 116.3
52 34.6 28.9 43.3

Manual Integrations

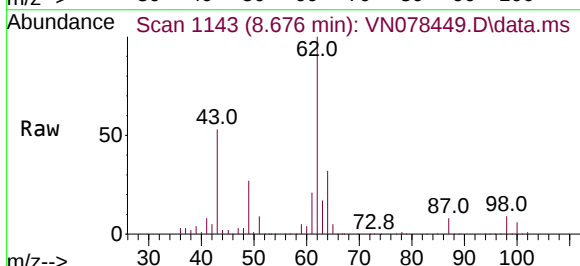
APPROVED

Reviewed By :John Carlone 07/10/2023

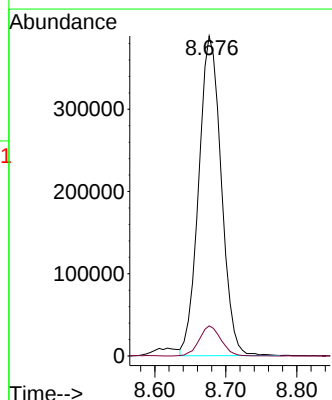
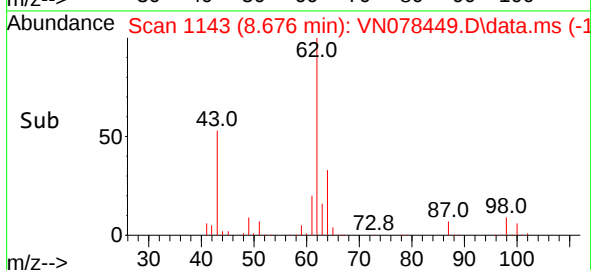
Supervised By :Mahesh Dadoda 07/11/2023

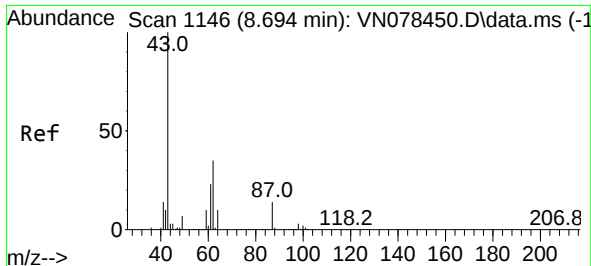


#42
1,2-Dichloroethane
Concen: 98.306 ug/l
RT: 8.676 min Scan# 1143
Delta R.T. -0.001 min
Lab File: VN078449.D
Acq: 10 Jul 2023 12:21



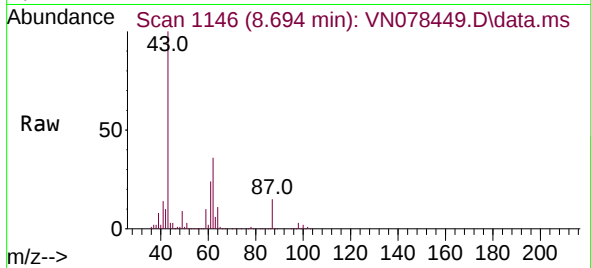
Tgt Ion: 62 Resp: 859129
Ion Ratio Lower Upper
62 100
98 9.1 0.0 19.8





#43
Isopropyl Acetate
Concen: 100.898 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078449.D
Acq: 10 Jul 2023 12:21

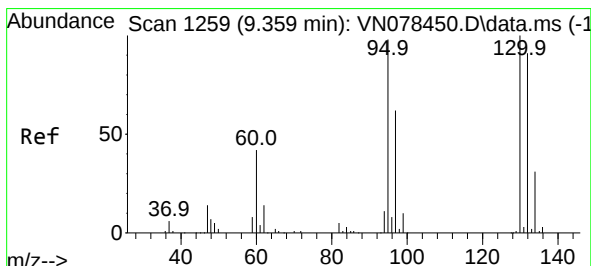
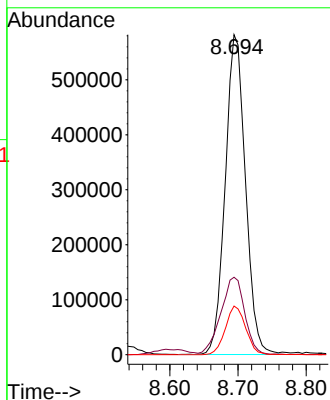
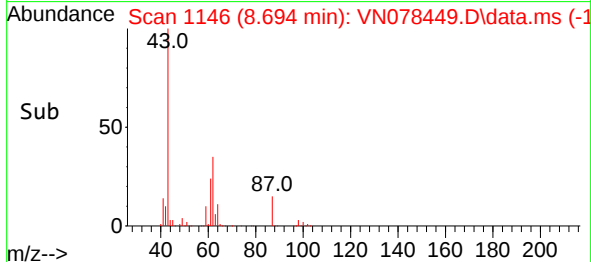
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 43 Resp: 120097
Ion Ratio Lower Upper
43 100
61 28.6 24.7 37.1
87 15.3 14.6 21.8

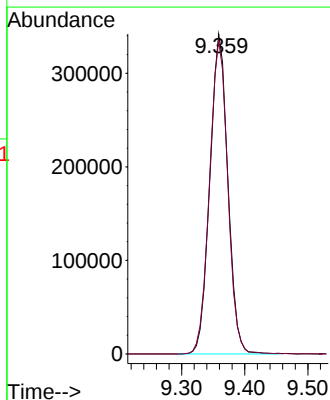
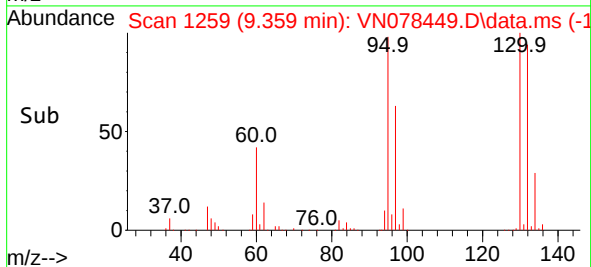
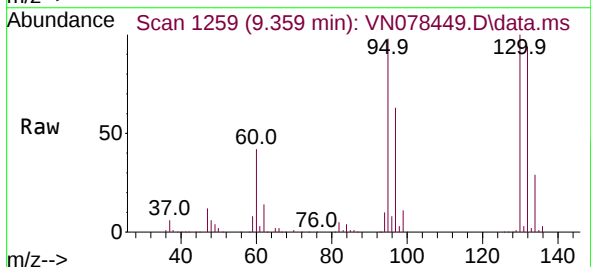
Manual Integrations
APPROVED

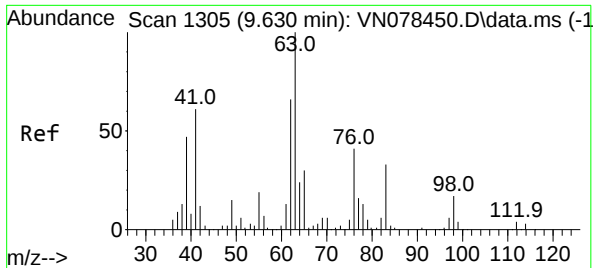
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023



#44
Trichloroethene
Concen: 97.708 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN078449.D
Acq: 10 Jul 2023 12:21

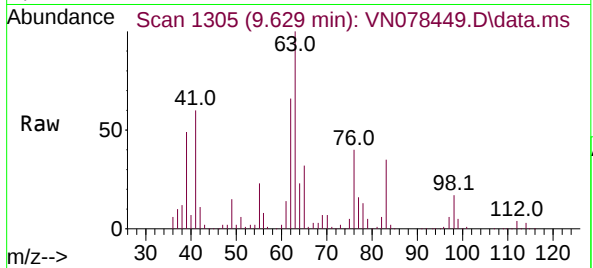
Tgt Ion:130 Resp: 676620
Ion Ratio Lower Upper
130 100
95 97.9 0.0 204.6





#45
1,2-Dichloropropane
Concen: 101.295 ug/l
RT: 9.629 min Scan# 1305
Delta R.T. -0.001 min
Lab File: VN078449.D
Acq: 10 Jul 2023 12:21

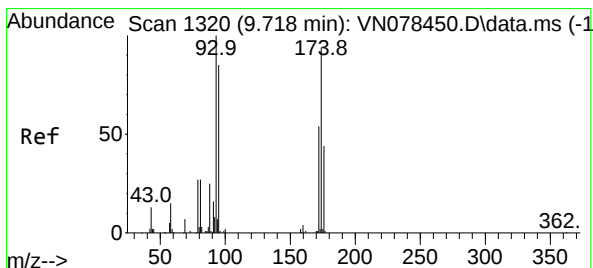
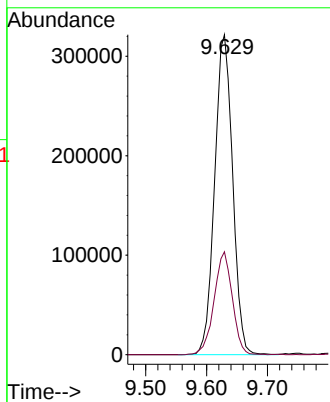
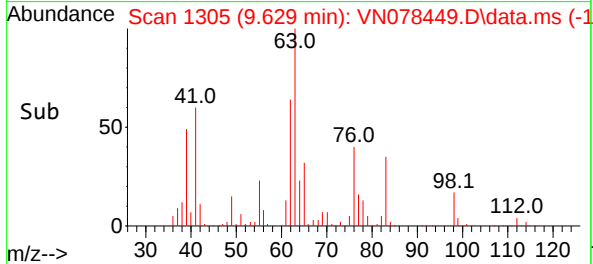
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



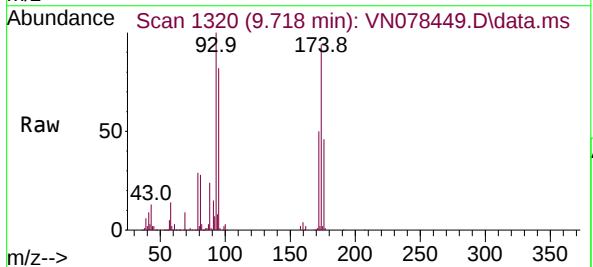
Tgt Ion: 63 Resp: 659180
Ion Ratio Lower Upper
63 100
65 32.2 23.9 35.9

Manual Integrations
APPROVED

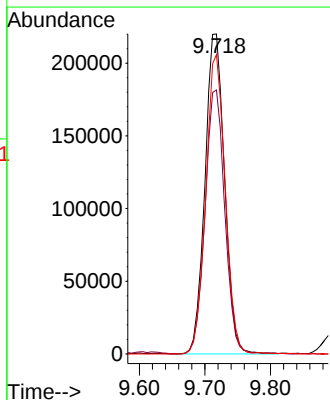
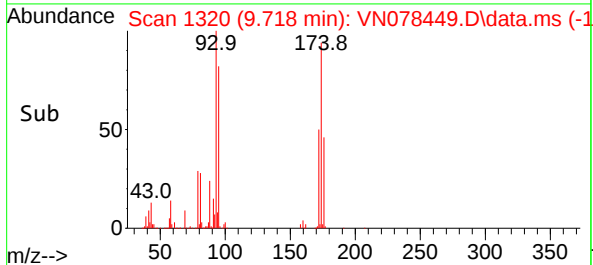
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023

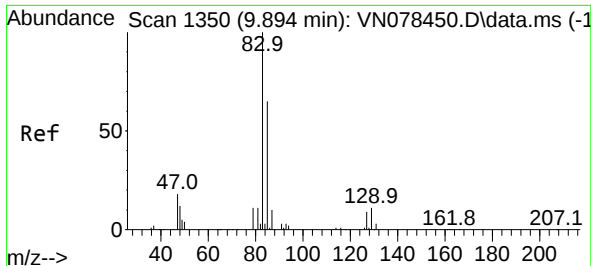


#46
Dibromomethane
Concen: 100.082 ug/l
RT: 9.718 min Scan# 1320
Delta R.T. -0.000 min
Lab File: VN078449.D
Acq: 10 Jul 2023 12:21



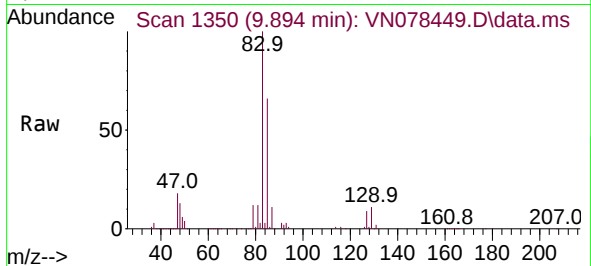
Tgt Ion: 93 Resp: 458394
Ion Ratio Lower Upper
93 100
95 83.0 63.8 95.8
174 92.2 65.6 98.4





#47
Bromodichloromethane
Concen: 101.438 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN078449.D
Acq: 10 Jul 2023 12:21

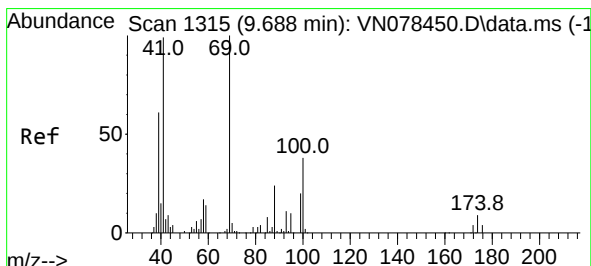
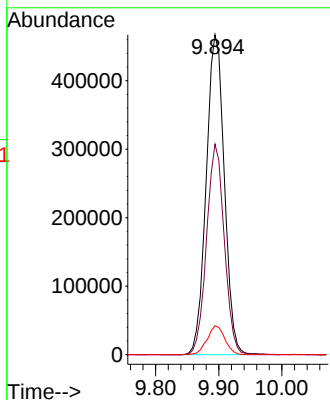
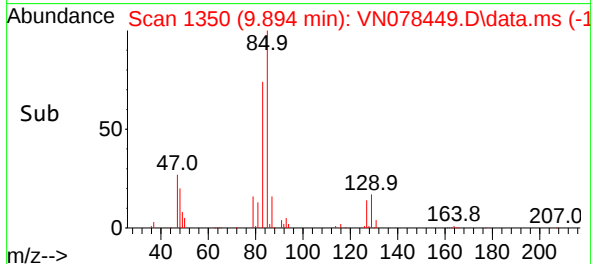
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



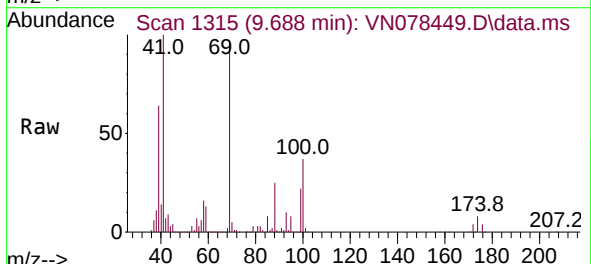
Tgt Ion: 83 Resp: 931328
Ion Ratio Lower Upper
83 100
85 65.8 49.6 74.4
127 9.1 7.0 10.6

Manual Integrations
APPROVED

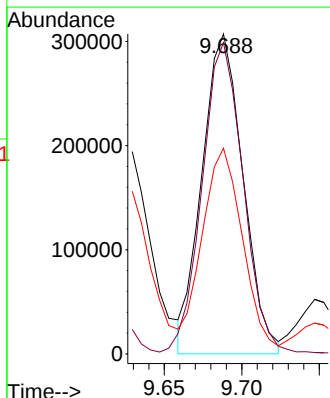
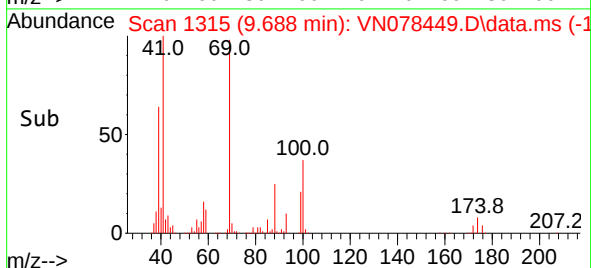
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023

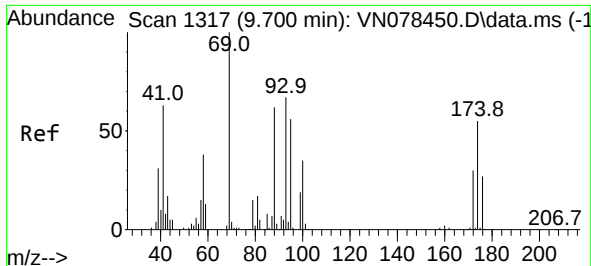


#48
Methyl methacrylate
Concen: 102.480 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078449.D
Acq: 10 Jul 2023 12:21



Tgt Ion: 41 Resp: 565122
Ion Ratio Lower Upper
41 100
69 98.0 90.4 135.6
39 63.9 54.6 81.8





#49

1,4-Dioxane

Concen: 1961.710 ug/l

RT: 9.700 min Scan# 1317

Delta R.T. -0.000 min

Lab File: VN078449.D

Acq: 10 Jul 2023 12:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 88 Resp: 235915

Ion Ratio Lower Upper

88 100

43 25.2 17.0 25.6

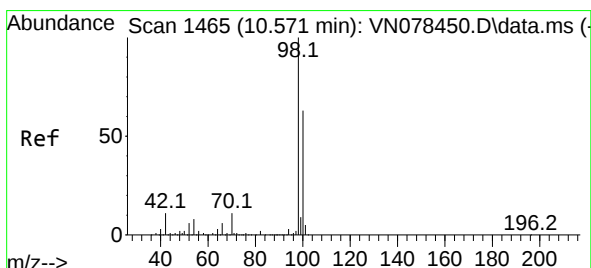
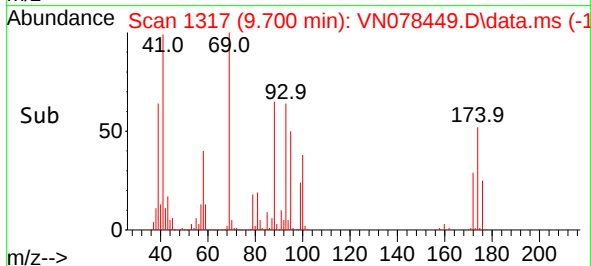
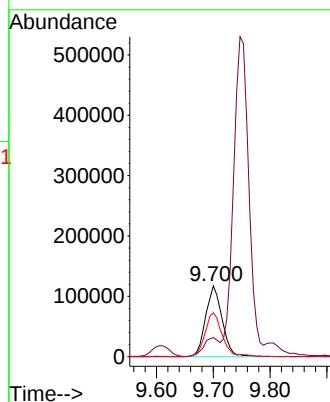
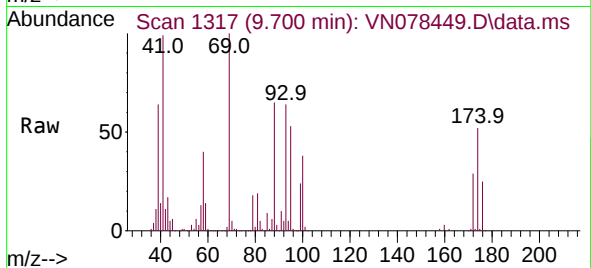
58 64.8 47.0 70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/10/2023

Supervised By :Mahesh Dadoda 07/11/2023



#50

Toluene-d8

Concen: 102.836 ug/l

RT: 10.570 min Scan# 1465

Delta R.T. -0.001 min

Lab File: VN078449.D

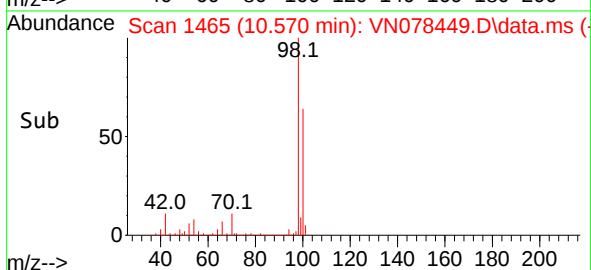
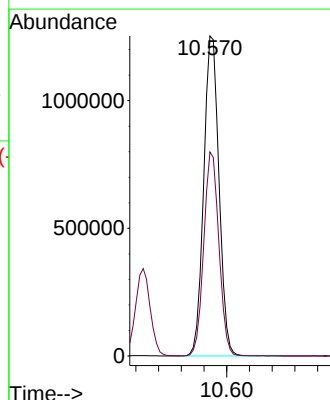
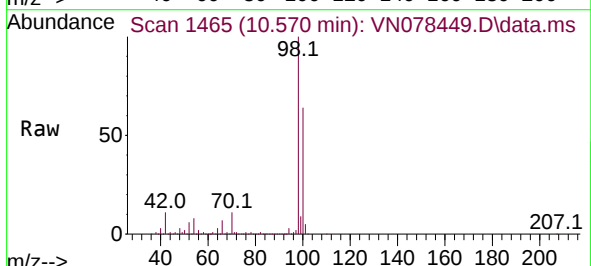
Acq: 10 Jul 2023 12:21

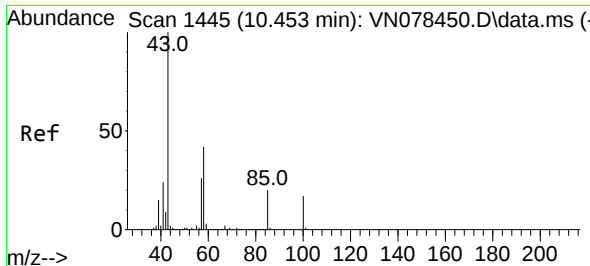
Tgt Ion: 98 Resp: 2333382

Ion Ratio Lower Upper

98 100

100 63.1 52.0 78.0





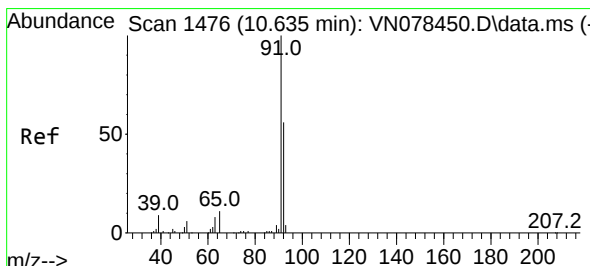
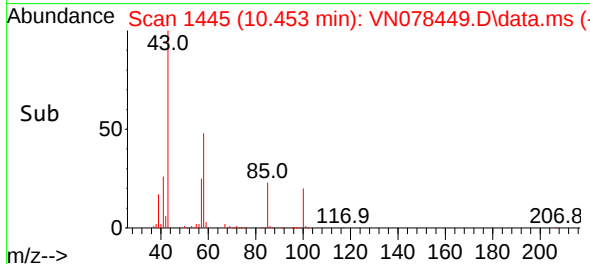
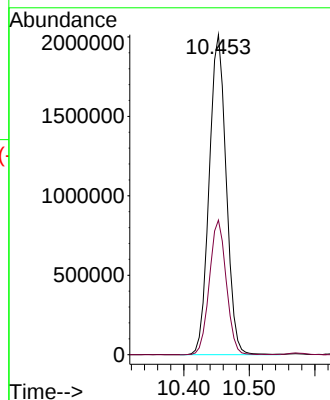
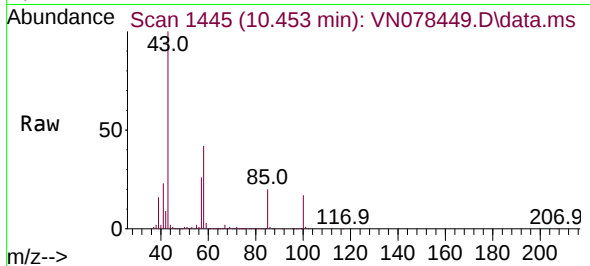
#51
4-Methyl-2-Pentanone
Concen: 512.021 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN078449.D
Acq: 10 Jul 2023 12:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 362507
Ion Ratio Lower Upper
43 100
58 41.7 36.6 54.8

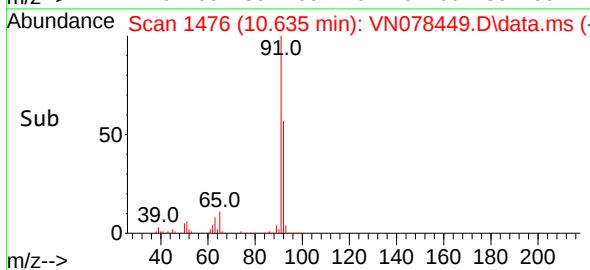
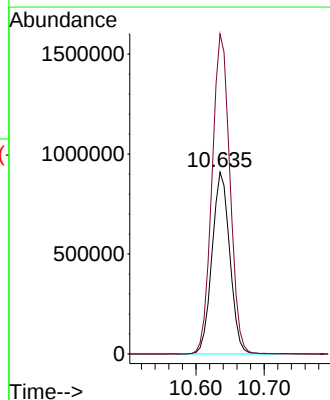
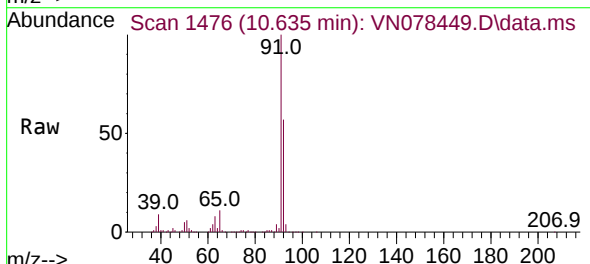
Manual Integrations
APPROVED

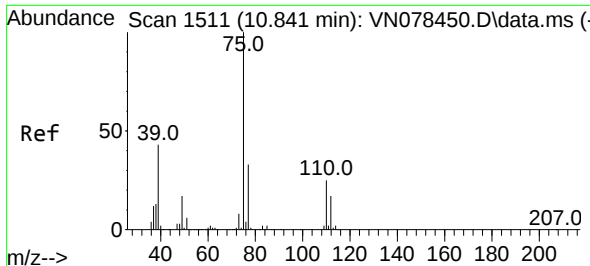
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023



#52
Toluene
Concen: 103.357 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078449.D
Acq: 10 Jul 2023 12:21

Tgt Ion: 92 Resp: 1645878
Ion Ratio Lower Upper
92 100
91 178.1 137.4 206.0





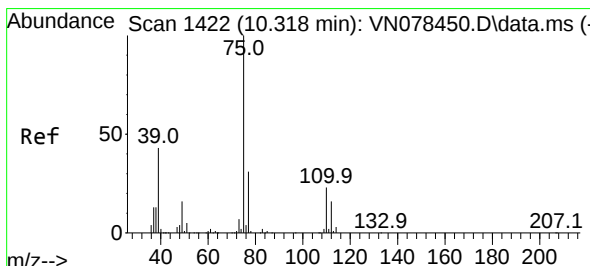
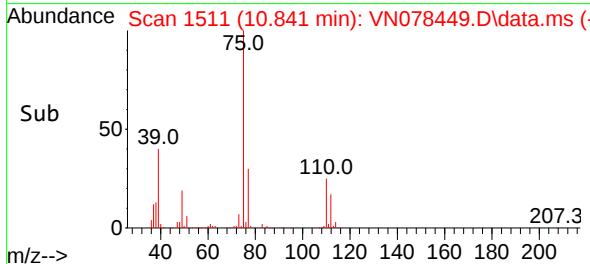
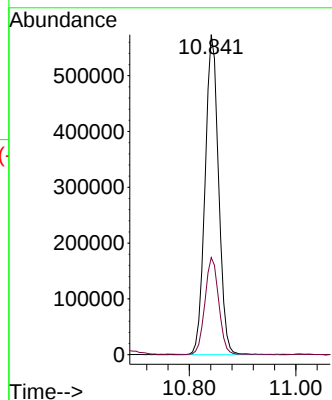
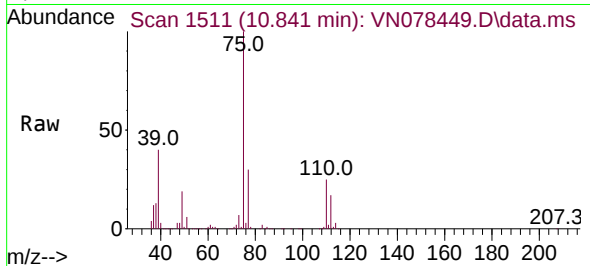
#53
t-1,3-Dichloropropene
Concen: 107.193 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN078449.D
Acq: 10 Jul 2023 12:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 75 Resp: 1008240
Ion Ratio Lower Upper
75 100
77 30.2 25.4 38.0

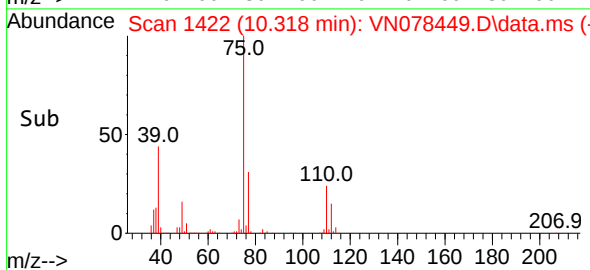
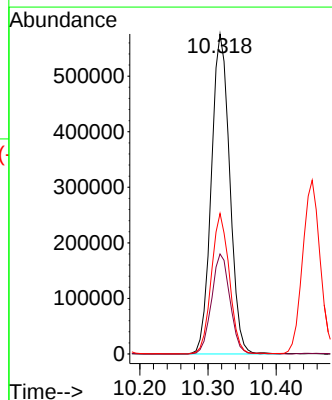
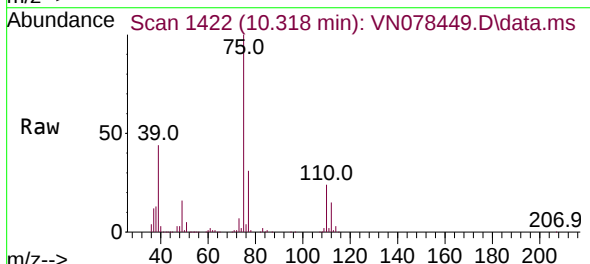
Manual Integrations
APPROVED

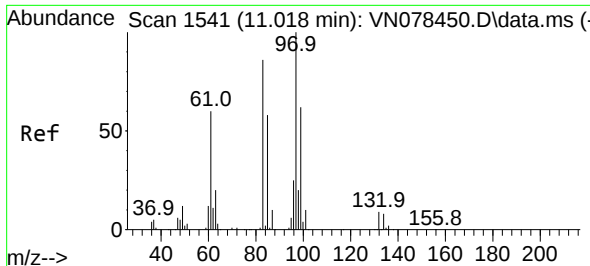
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023



#54
cis-1,3-Dichloropropene
Concen: 107.895 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN078449.D
Acq: 10 Jul 2023 12:21

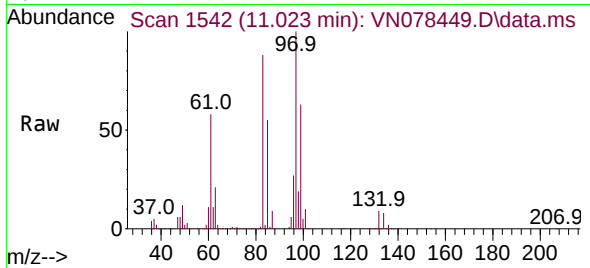
Tgt Ion: 75 Resp: 1081769
Ion Ratio Lower Upper
75 100
77 31.3 26.1 39.1
39 43.9 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 100.440 ug/l
RT: 11.023 min Scan# 1542
Delta R.T. 0.005 min
Lab File: VN078449.D
Acq: 10 Jul 2023 12:21

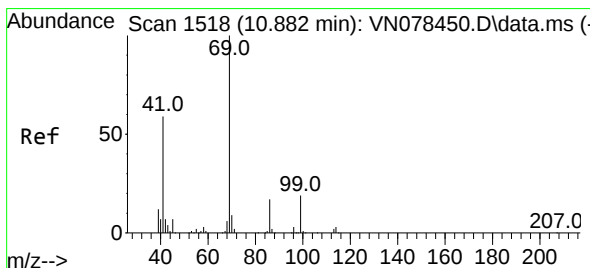
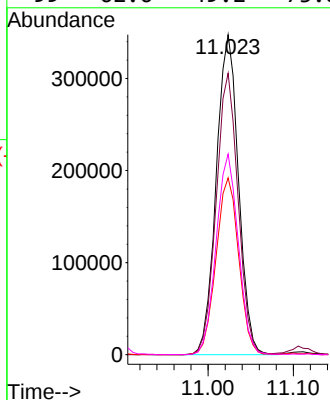
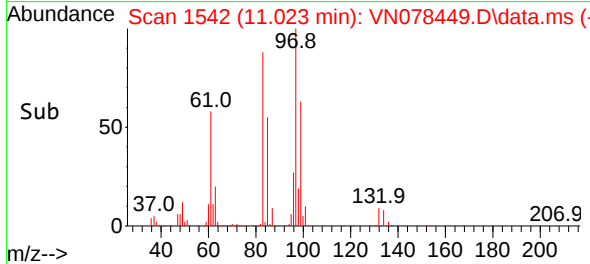
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



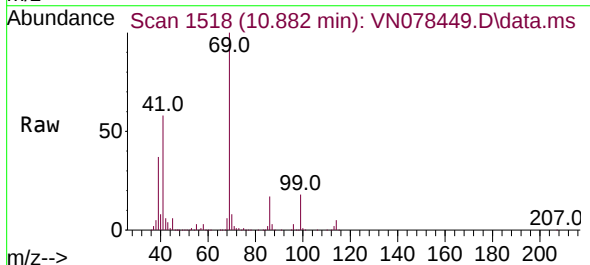
Tgt Ion: 97 Resp: 630169
Ion Ratio Lower Upper
97 100
83 87.9 65.1 97.7
85 55.2 43.4 65.2
99 62.6 49.2 73.8

Manual Integrations
APPROVED

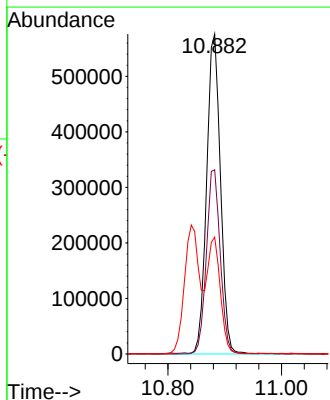
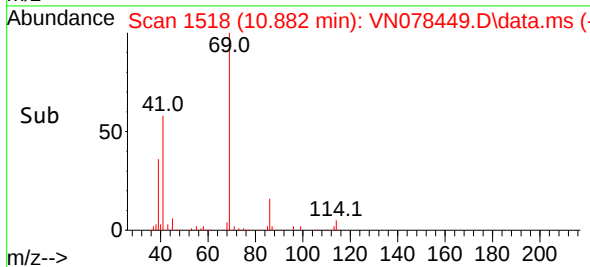
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023

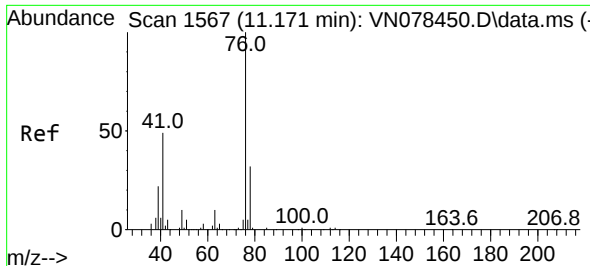


#56
Ethyl methacrylate
Concen: 110.491 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN078449.D
Acq: 10 Jul 2023 12:21



Tgt Ion: 69 Resp: 969055
Ion Ratio Lower Upper
69 100
41 57.5 39.6 59.4
39 32.4 28.6 43.0





#57
1,3-Dichloropropane
Concen: 99.690 ug/l
RT: 11.170 min Scan# 1567
Delta R.T. -0.001 min
Lab File: VN078449.D
Acq: 10 Jul 2023 12:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

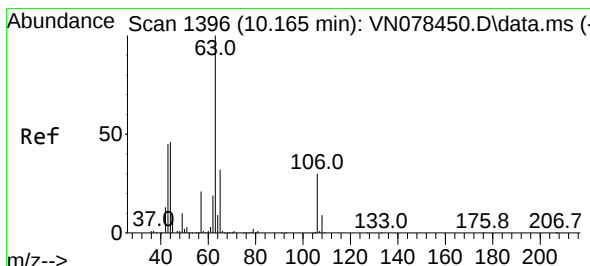
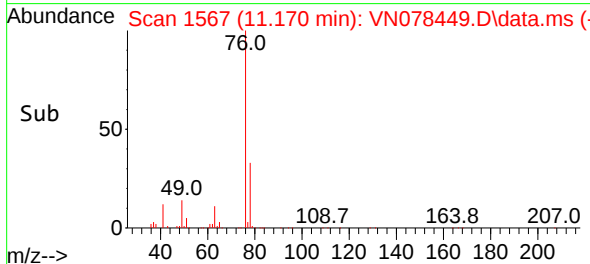
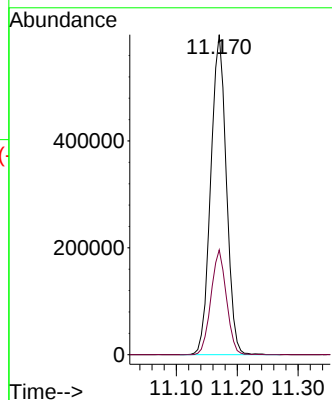
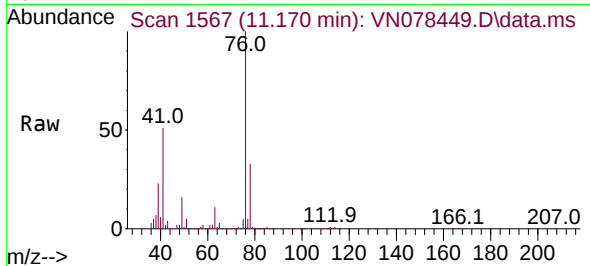
Tgt Ion: 76 Resp: 1063470
Ion Ratio Lower Upper
76 100
78 32.3 26.1 39.1

Manual Integrations

APPROVED

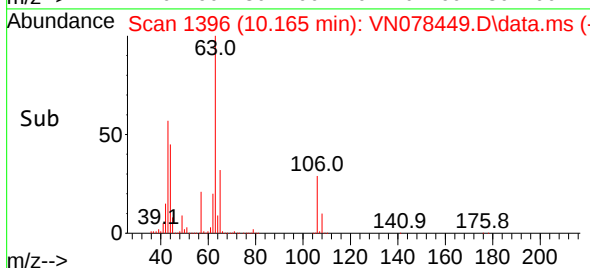
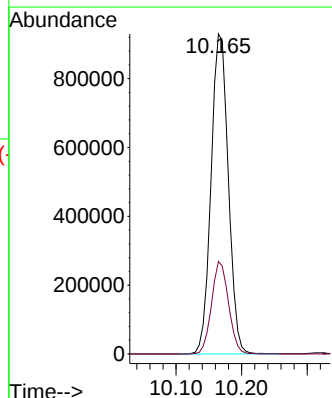
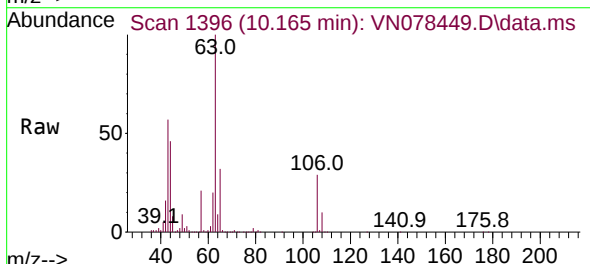
Reviewed By :John Carlone 07/10/2023

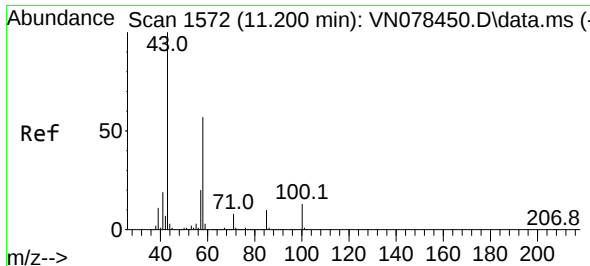
Supervised By :Mahesh Dadoda 07/11/2023



#58
2-Chloroethyl Vinyl ether
Concen: 543.575 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN078449.D
Acq: 10 Jul 2023 12:21

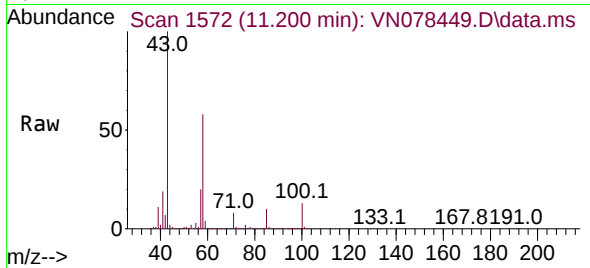
Tgt Ion: 63 Resp: 1698978
Ion Ratio Lower Upper
63 100
106 28.4 26.2 39.4





#59
2-Hexanone
Concen: 514.873 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078449.D
Acq: 10 Jul 2023 12:21

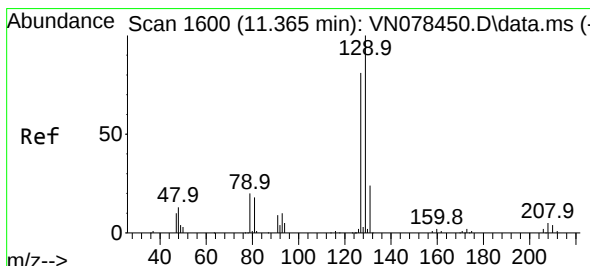
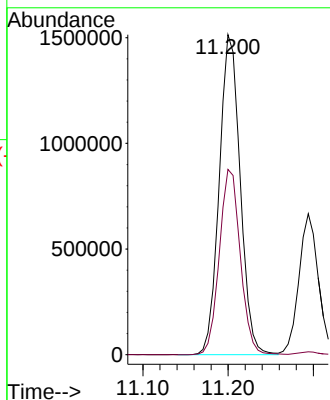
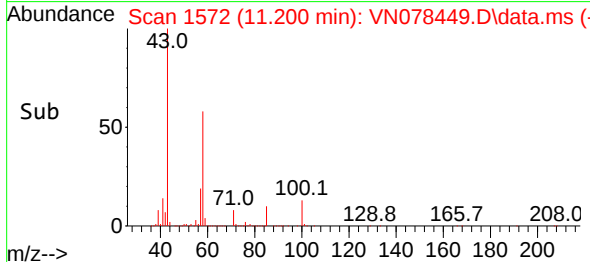
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 43 Resp: 2590734
Ion Ratio Lower Upper
43 100
58 57.9 31.7 95.1

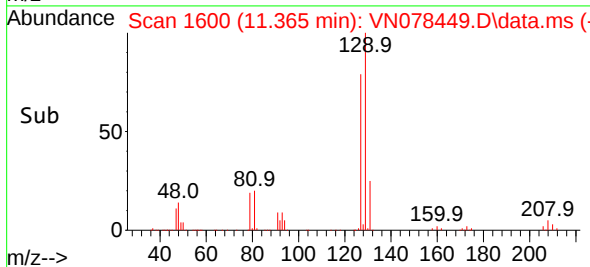
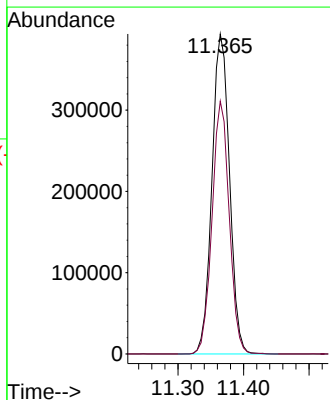
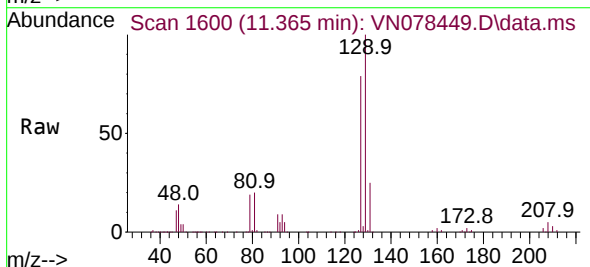
Manual Integrations
APPROVED

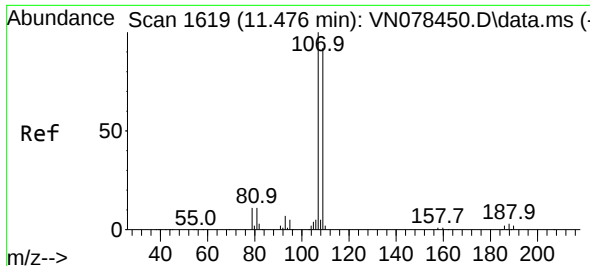
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023



#60
Dibromochloromethane
Concen: 105.285 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN078449.D
Acq: 10 Jul 2023 12:21

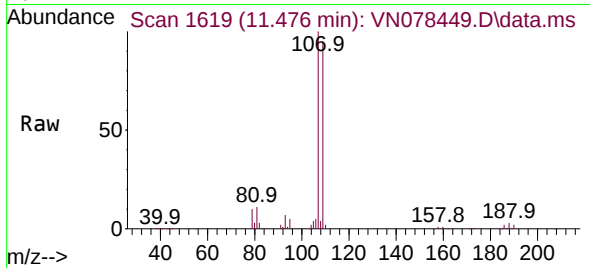
Tgt Ion:129 Resp: 729257
Ion Ratio Lower Upper
129 100
127 77.5 38.6 116.0





#61
1,2-Dibromoethane
Concen: 102.069 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN078449.D
Acq: 10 Jul 2023 12:21

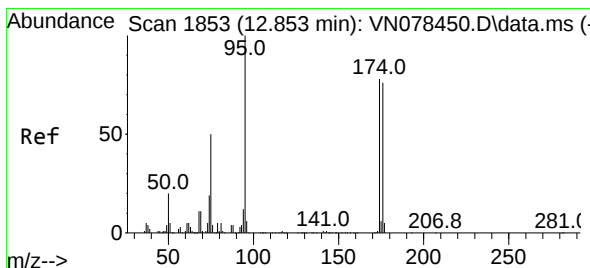
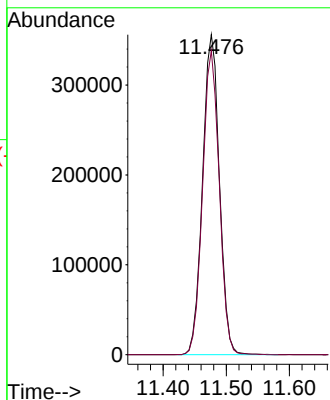
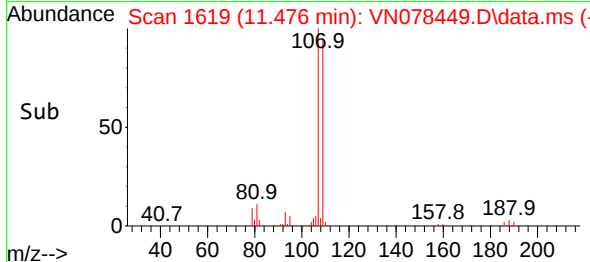
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



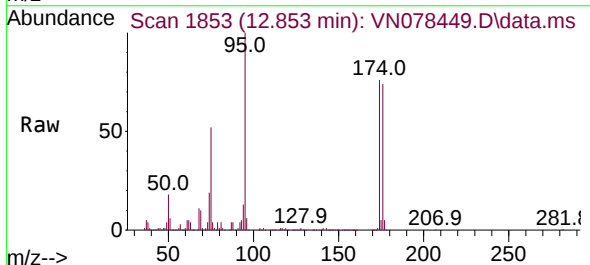
Tgt Ion:107 Resp: 65968
Ion Ratio Lower Upper
107 100
109 94.0 76.6 114.8

Manual Integrations
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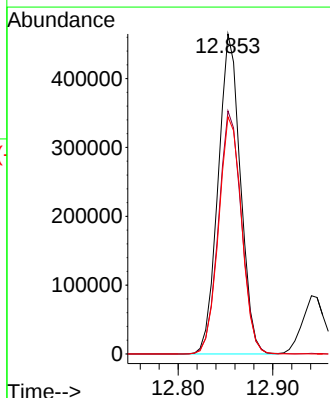
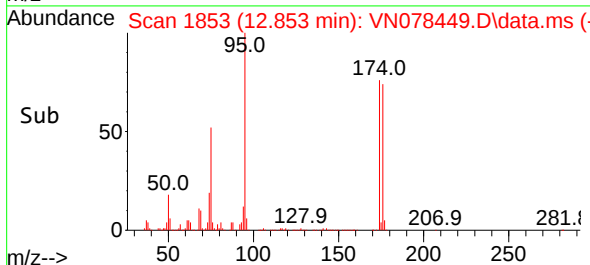
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023

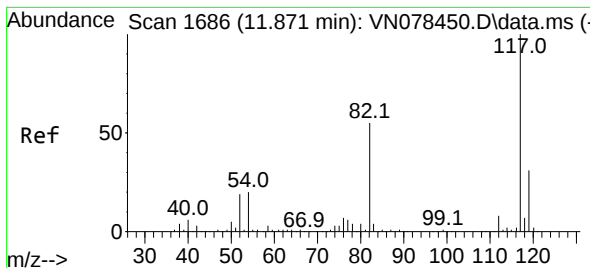


#62
4-Bromofluorobenzene
Concen: 108.927 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078449.D
Acq: 10 Jul 2023 12:21



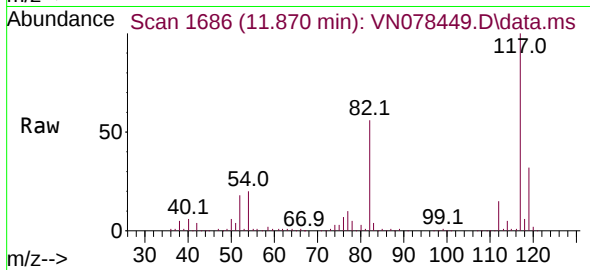
Tgt Ion: 95 Resp: 761303
Ion Ratio Lower Upper
95 100
174 77.7 0.0 143.8
176 76.2 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1170
Delta R.T. -0.001 min
Lab File: VN078449.D
Acq: 10 Jul 2023 12:21

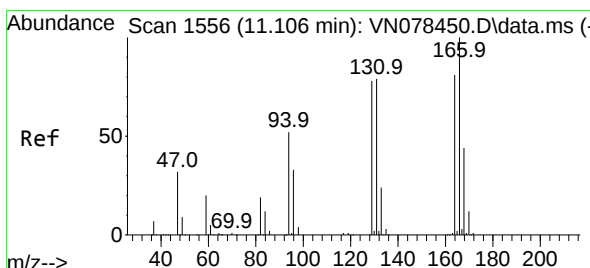
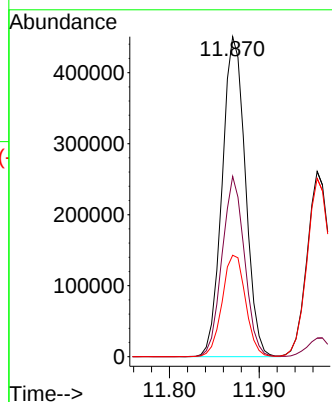
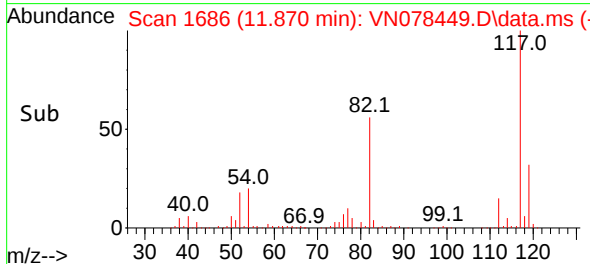
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion:117 Resp: 809369
Ion Ratio Lower Upper
117 100
82 56.3 44.0 66.0
119 31.7 25.6 38.4

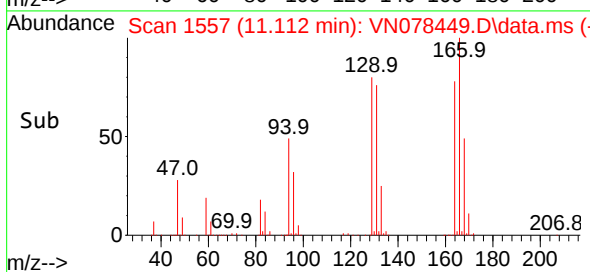
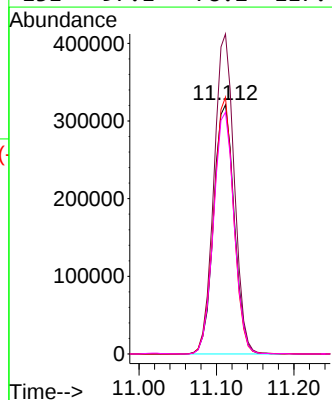
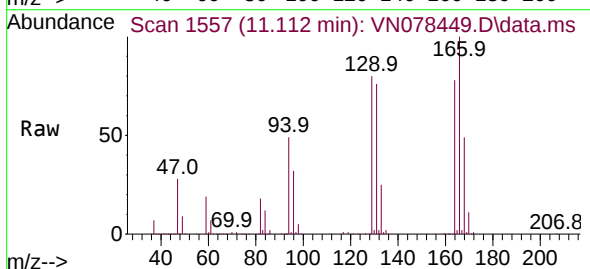
Manual Integrations
APPROVED

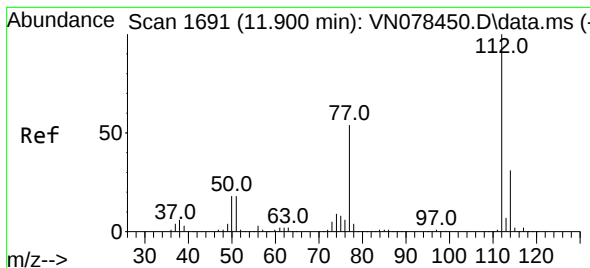
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023



#64
Tetrachloroethene
Concen: 97.376 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. 0.006 min
Lab File: VN078449.D
Acq: 10 Jul 2023 12:21

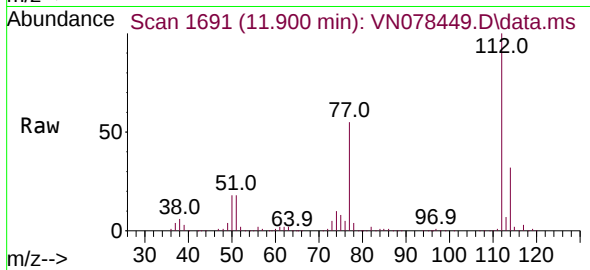
Tgt Ion:164 Resp: 592538
Ion Ratio Lower Upper
164 100
166 128.5 101.4 152.0
129 103.1 82.4 123.6
131 97.1 78.2 117.4





#65
Chlorobenzene
Concen: 97.894 ug/l
RT: 11.900 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN078449.D
Acq: 10 Jul 2023 12:21

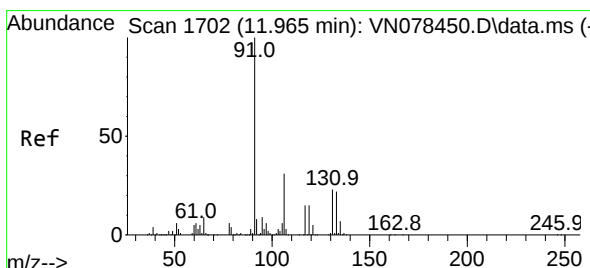
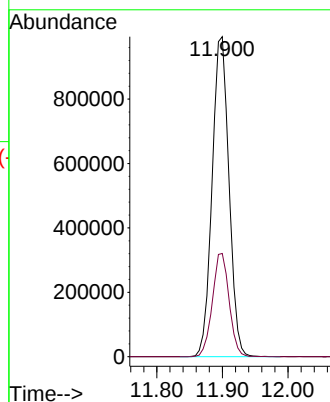
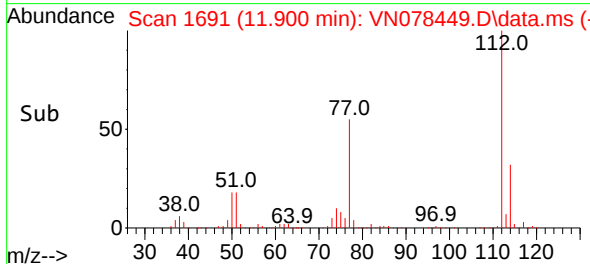
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



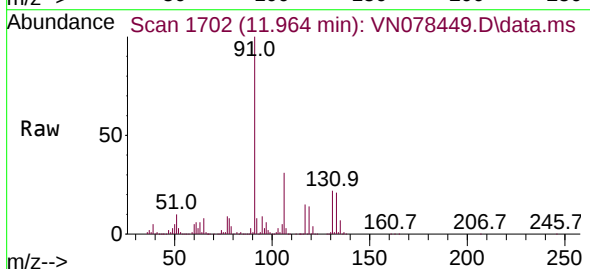
Tgt Ion:112 Resp: 177103
Ion Ratio Lower Upper
112 100
114 32.3 25.0 37.4

Manual Integrations
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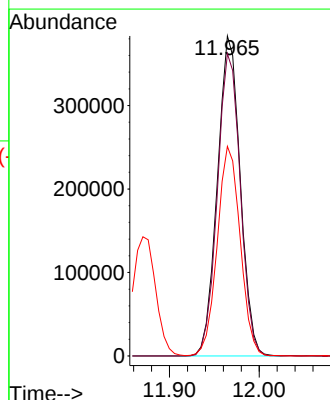
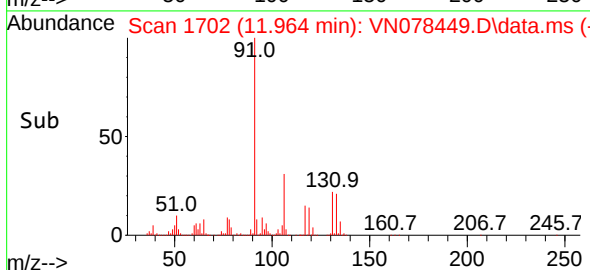
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023

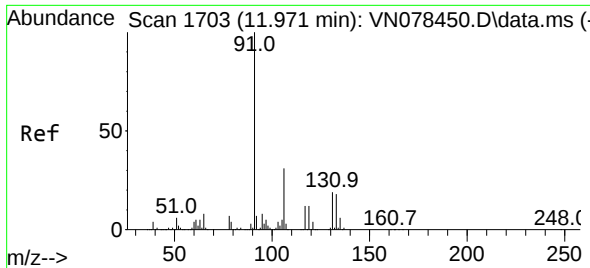


#66
1,1,1,2-Tetrachloroethane
Concen: 97.511 ug/l
RT: 11.964 min Scan# 1702
Delta R.T. -0.001 min
Lab File: VN078449.D
Acq: 10 Jul 2023 12:21



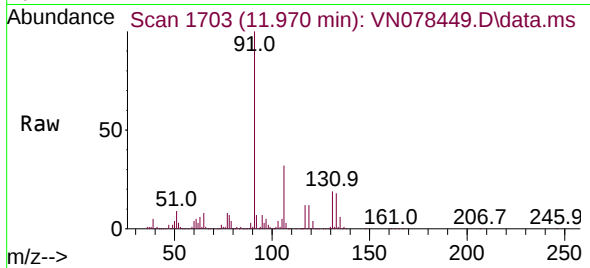
Tgt Ion:131 Resp: 678645
Ion Ratio Lower Upper
131 100
133 94.6 46.4 139.1
119 65.8 34.1 102.2





#67
Ethyl Benzene
Concen: 104.509 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. -0.001 min
Lab File: VN078449.D
Acq: 10 Jul 2023 12:21

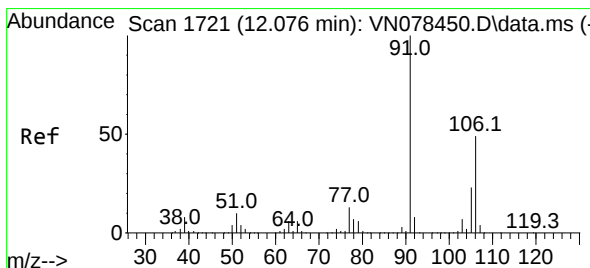
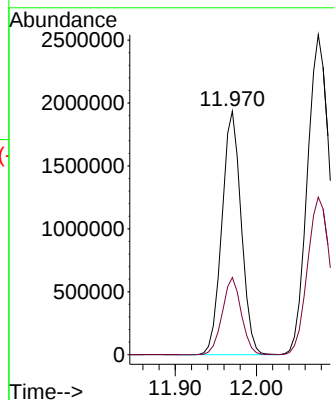
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



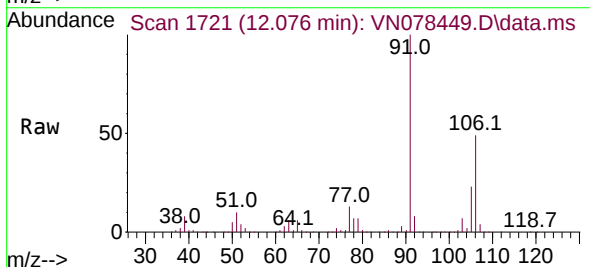
Tgt Ion: 91 Resp: 3195910
Ion Ratio Lower Upper
91 100
106 31.6 25.6 38.4

Manual Integrations
APPROVED

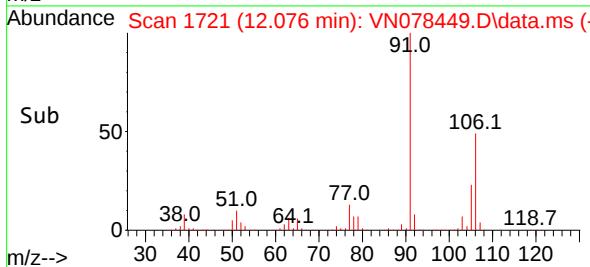
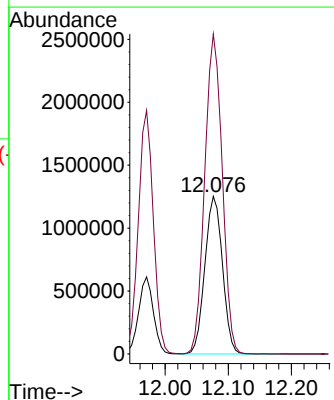
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023

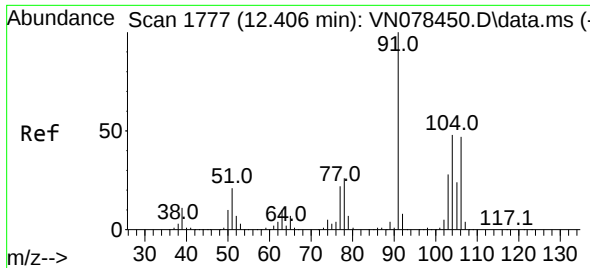


#68
m/p-Xylenes
Concen: 214.028 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078449.D
Acq: 10 Jul 2023 12:21



Tgt Ion:106 Resp: 2419893
Ion Ratio Lower Upper
106 100
91 201.5 159.6 239.4





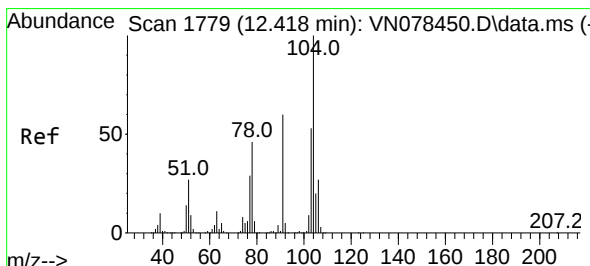
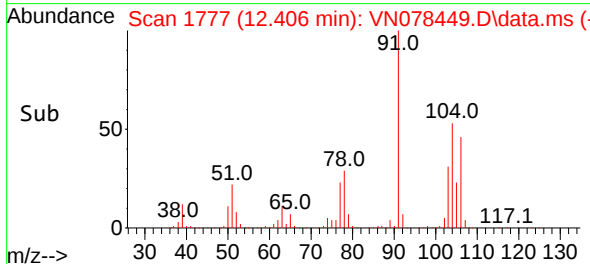
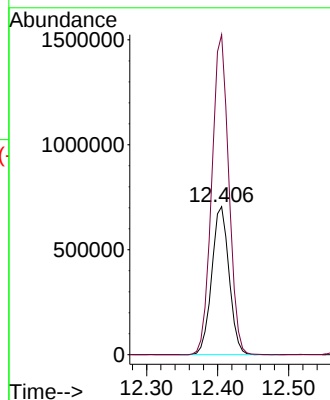
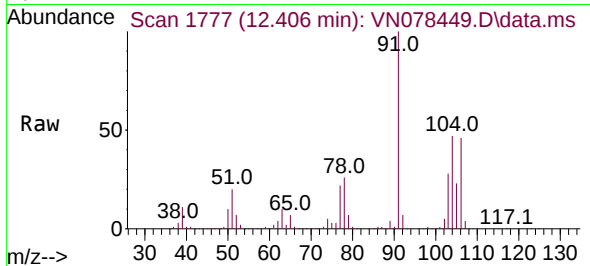
#69
o-Xylene
Concen: 104.378 ug/l
RT: 12.406 min Scan# 1177
Delta R.T. -0.000 min
Lab File: VN078449.D
Acq: 10 Jul 2023 12:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:106 Resp: 1192004
Ion Ratio Lower Upper
106 100
91 212.5 105.2 315.5

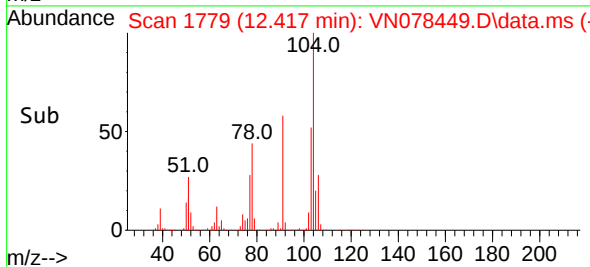
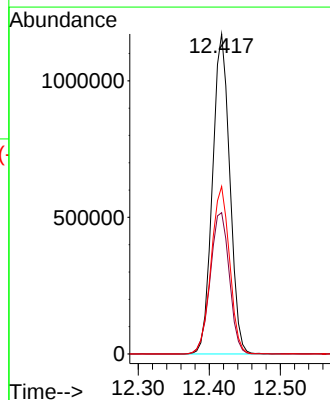
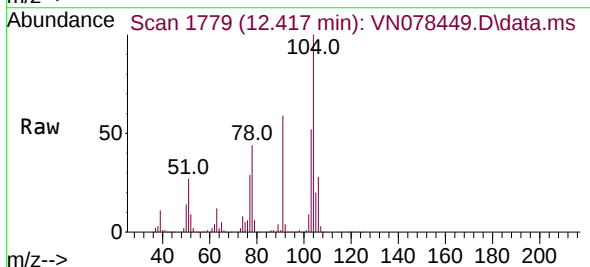
Manual Integrations
APPROVED

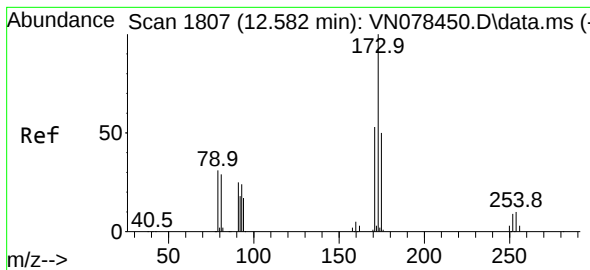
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023



#70
Styrene
Concen: 110.693 ug/l
RT: 12.417 min Scan# 1779
Delta R.T. -0.001 min
Lab File: VN078449.D
Acq: 10 Jul 2023 12:21

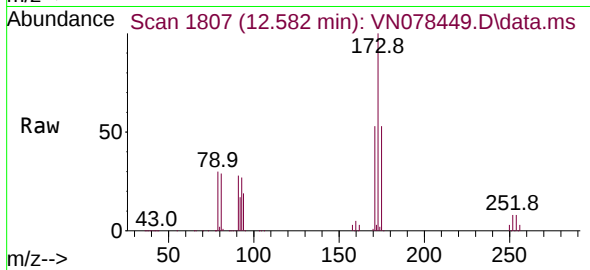
Tgt Ion:104 Resp: 1977678
Ion Ratio Lower Upper
104 100
78 48.7 39.5 59.3
103 55.8 43.2 64.8





#71
Bromoform
Concen: 104.284 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN078449.D
Acq: 10 Jul 2023 12:21

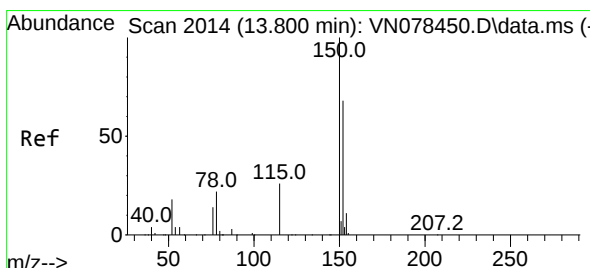
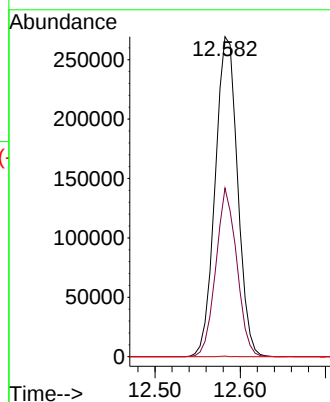
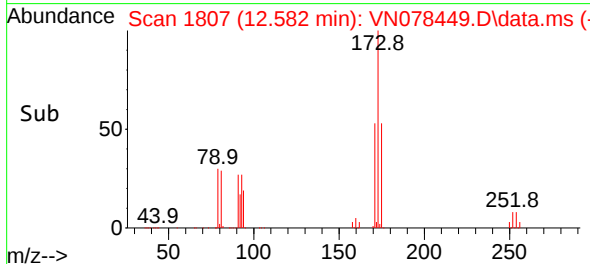
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion:173 Resp: 49154
Ion Ratio Lower Upper
173 100
175 49.2 24.3 73.0
254 0.1 0.0 0.0

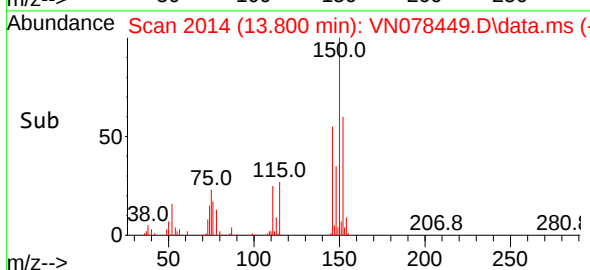
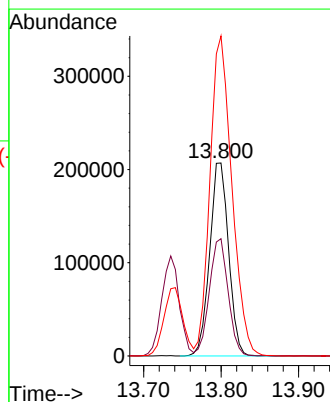
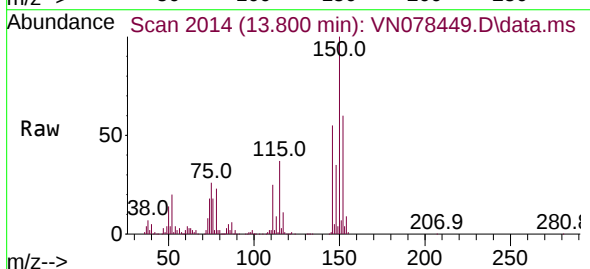
Manual Integrations
APPROVED

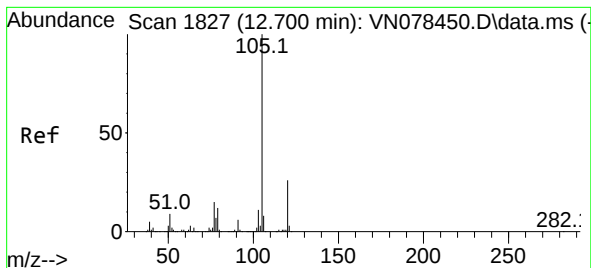
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN078449.D
Acq: 10 Jul 2023 12:21

Tgt Ion:152 Resp: 350434
Ion Ratio Lower Upper
152 100
115 60.4 32.3 96.8
150 192.0 0.0 355.8





#73

Isopropylbenzene

Concen: 89.878 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. -0.000 min

Lab File: VN078449.D

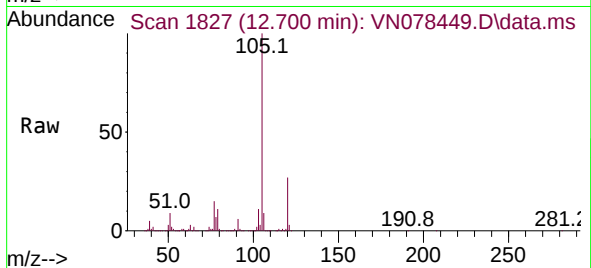
Acq: 10 Jul 2023 12:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100



Tgt Ion:105 Resp: 295953

Ion Ratio Lower Upper

105 100

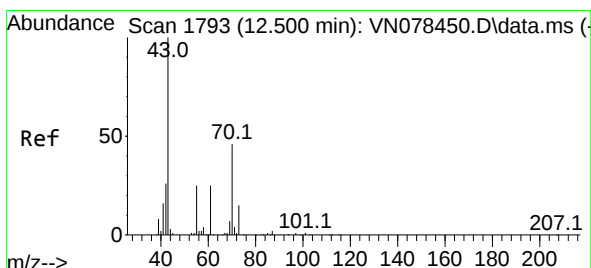
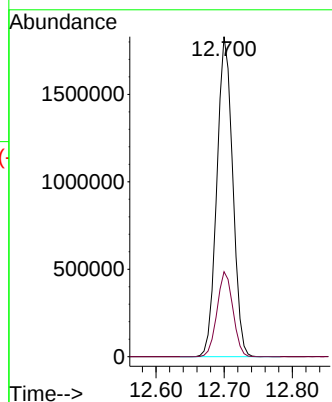
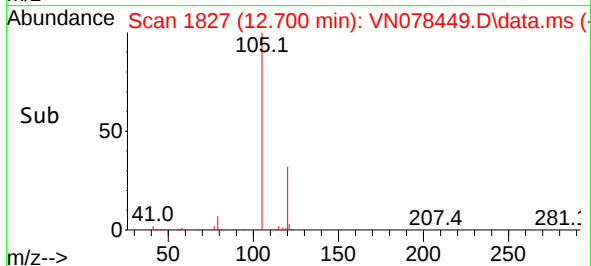
120 26.6 13.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/10/2023

Supervised By :Mahesh Dadoda 07/11/2023



#74

N-ethyl acetate

Concen: 88.874 ug/l

RT: 12.500 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VN078449.D

Acq: 10 Jul 2023 12:21

Tgt Ion: 43 Resp: 1008511

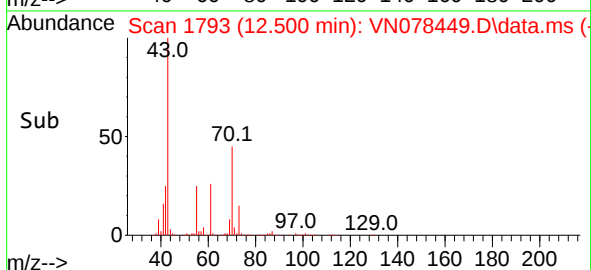
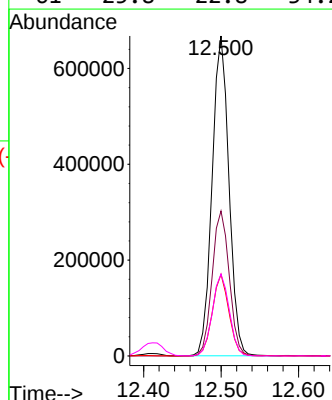
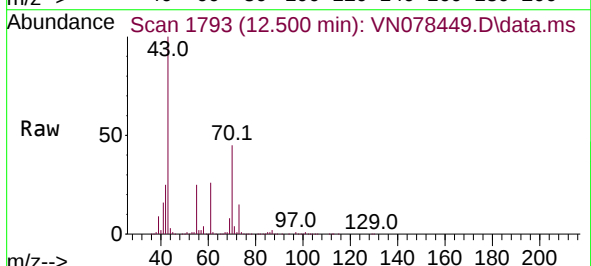
Ion Ratio Lower Upper

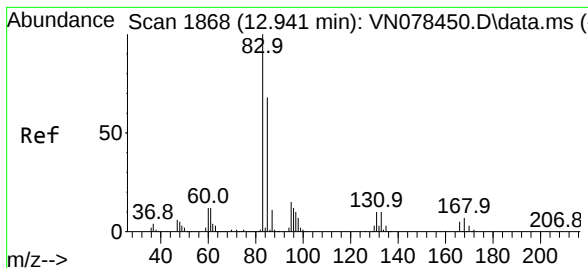
43 100

70 46.1 43.4 65.2

55 25.1 21.4 32.0

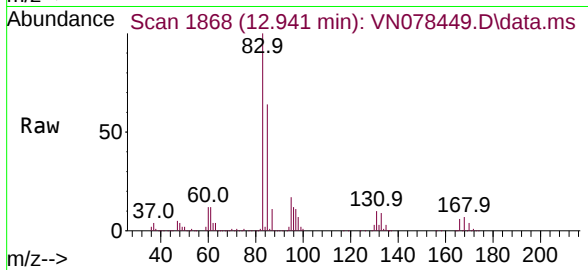
61 25.8 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 97.850 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN078449.D
Acq: 10 Jul 2023 12:21

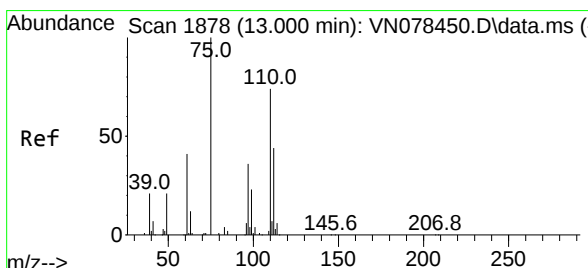
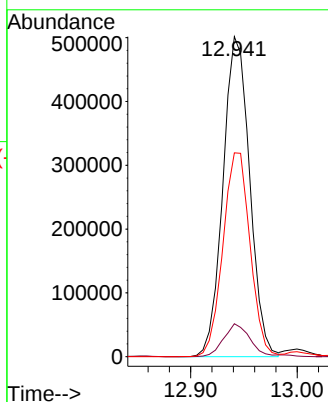
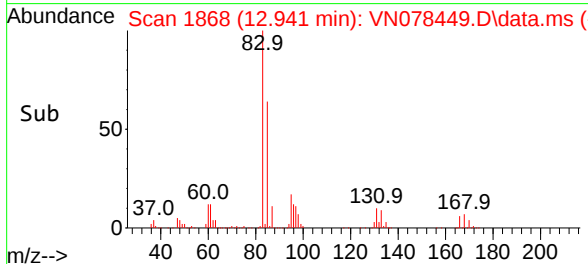
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



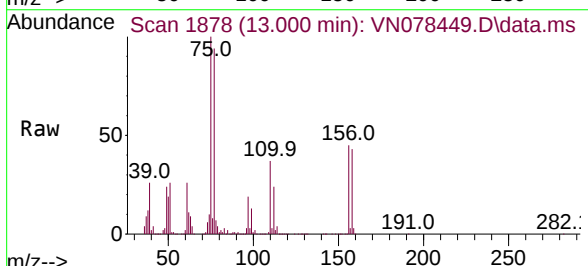
Tgt Ion: 83 Resp: 87266
Ion Ratio Lower Upper
83 100
131 10.4 5.0 15.0
85 64.8 31.9 95.7

Manual Integrations
APPROVED

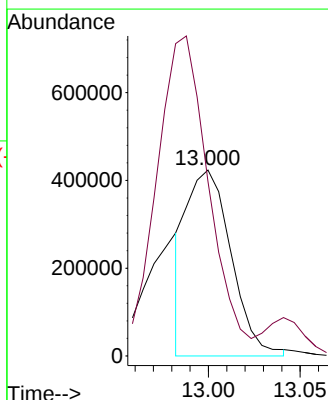
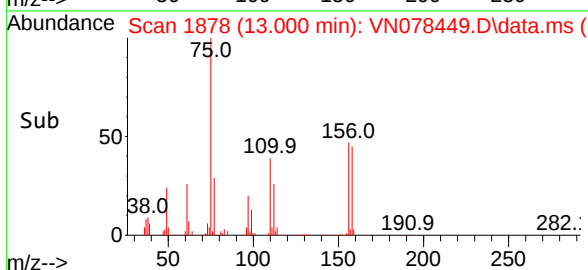
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023

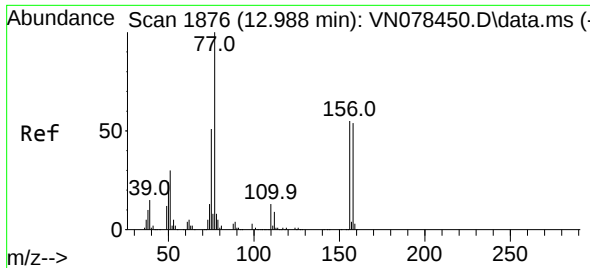


#76
1,2,3-Trichloropropane
Concen: 84.931 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN078449.D
Acq: 10 Jul 2023 12:21



Tgt Ion: 75 Resp: 718586
Ion Ratio Lower Upper
75 100
77 201.5 84.5 253.5





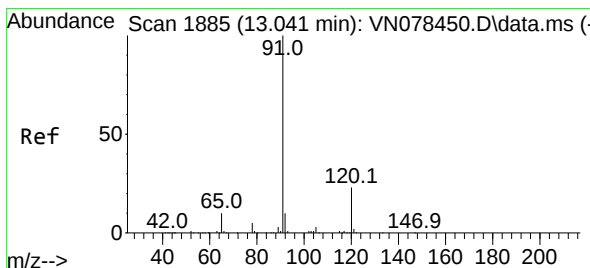
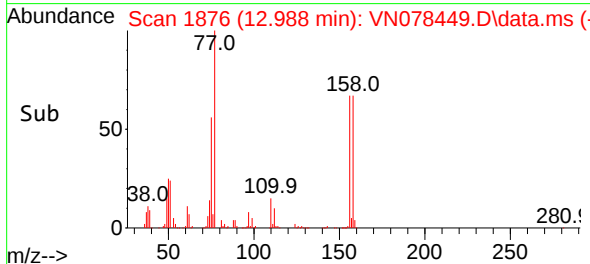
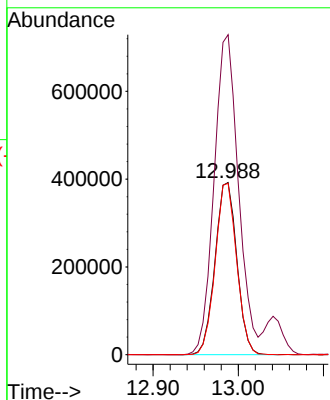
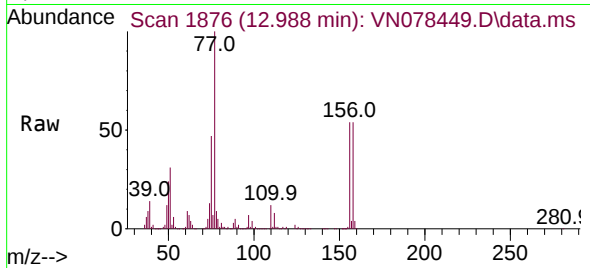
#77
Bromobenzene
Concen: 99.206 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. -0.000 min
Lab File: VN078449.D
Acq: 10 Jul 2023 12:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:156 Resp: 699504
Ion Ratio Lower Upper
156 100
77 207.0 107.7 323.3
158 97.8 48.4 145.3

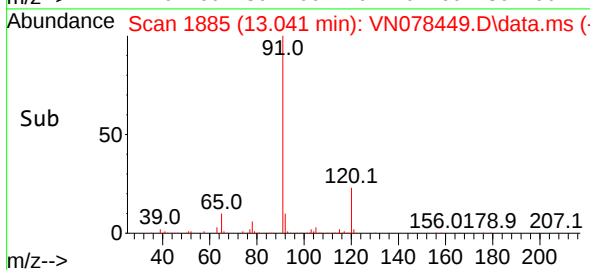
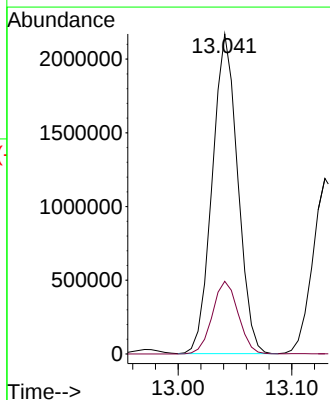
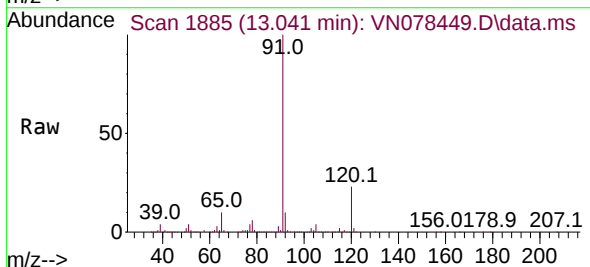
Manual Integrations
APPROVED

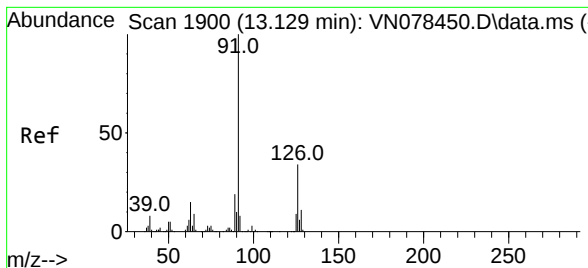
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023



#78
n-propylbenzene
Concen: 95.884 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VN078449.D
Acq: 10 Jul 2023 12:21

Tgt Ion: 91 Resp: 3376548
Ion Ratio Lower Upper
91 100
120 23.0 11.5 34.4





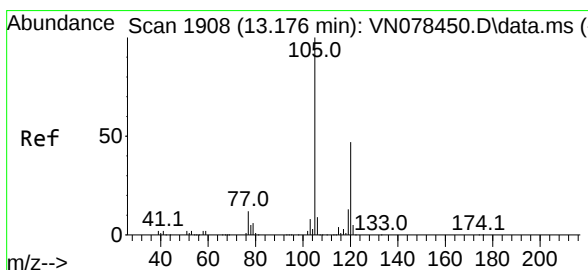
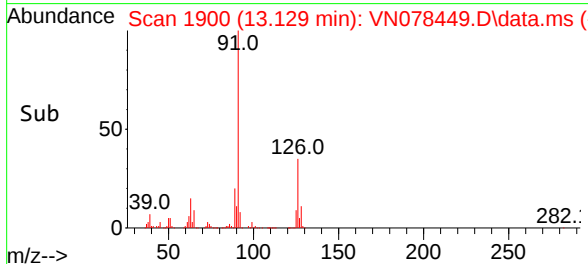
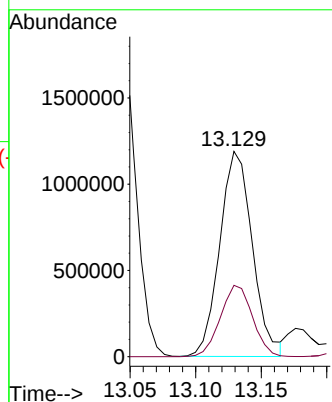
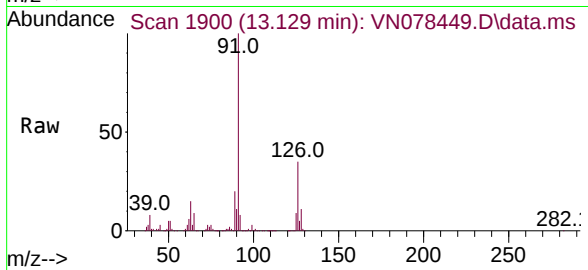
#79
2-Chlorotoluene
Concen: 89.241 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078449.D
Acq: 10 Jul 2023 12:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 91 Resp: 2058460
Ion Ratio Lower Upper
91 100
126 34.3 16.3 48.8

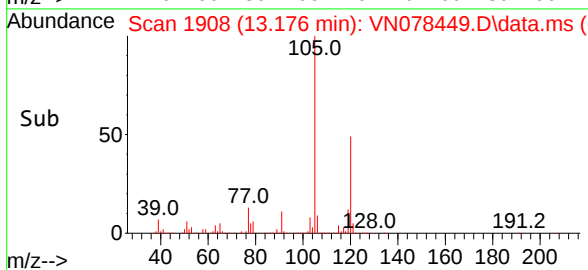
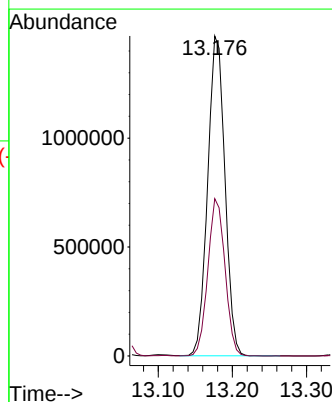
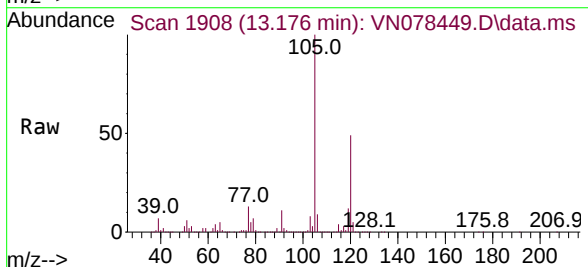
Manual Integrations
APPROVED

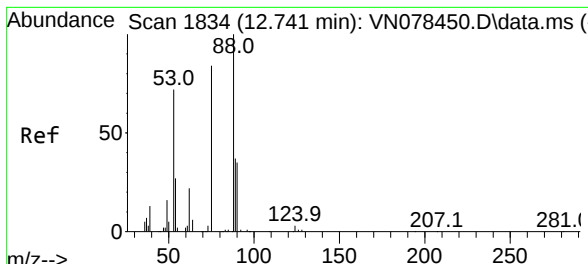
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023



#80
1,3,5-Trimethylbenzene
Concen: 91.227 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078449.D
Acq: 10 Jul 2023 12:21

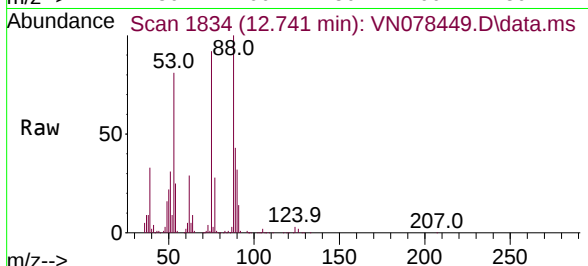
Tgt Ion:105 Resp: 2373479
Ion Ratio Lower Upper
105 100
120 48.9 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 93.095 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN078449.D
Acq: 10 Jul 2023 12:21

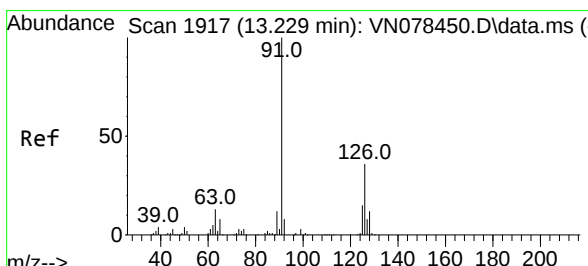
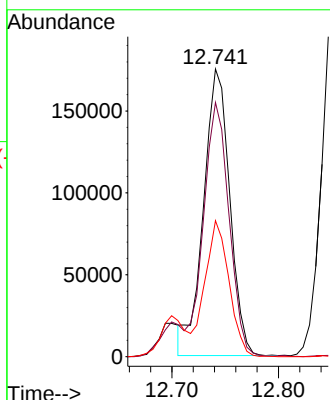
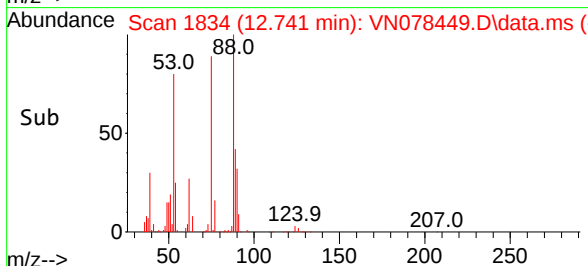
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 75 Resp: 300079
Ion Ratio Lower Upper
75 100
53 86.0 67.4 101.2
89 43.3 38.8 58.2

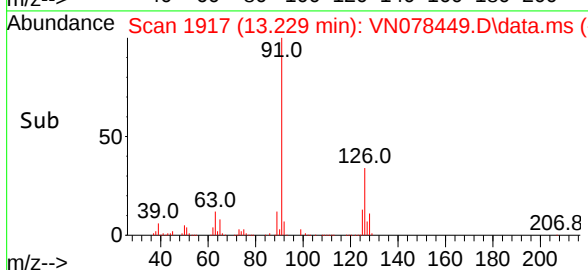
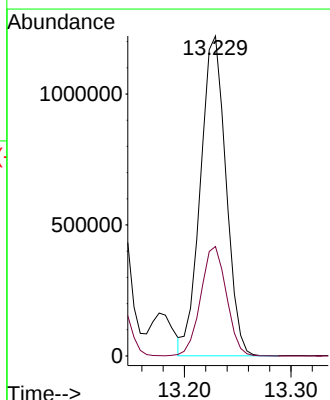
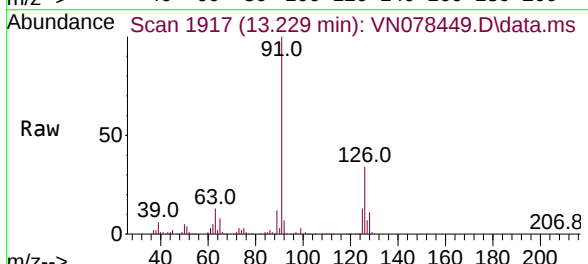
Manual Integrations
APPROVED

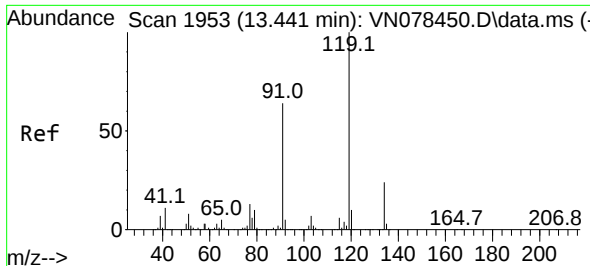
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023



#82
4-Chlorotoluene
Concen: 94.257 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN078449.D
Acq: 10 Jul 2023 12:21

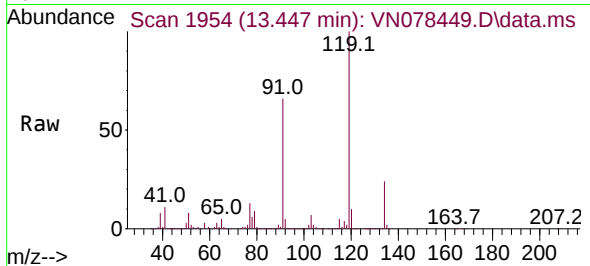
Tgt Ion: 91 Resp: 2028212
Ion Ratio Lower Upper
91 100
126 34.6 16.7 50.0





#83
tert-Butylbenzene
Concen: 90.603 ug/l
RT: 13.447 min Scan# 1954
Delta R.T. 0.006 min
Lab File: VN078449.D
Acq: 10 Jul 2023 12:21

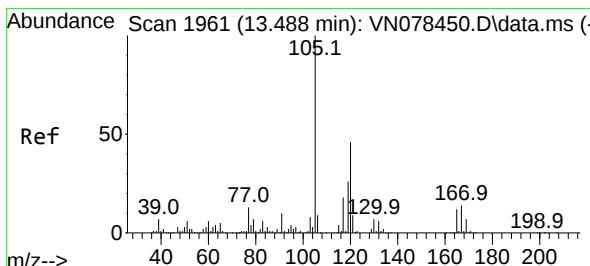
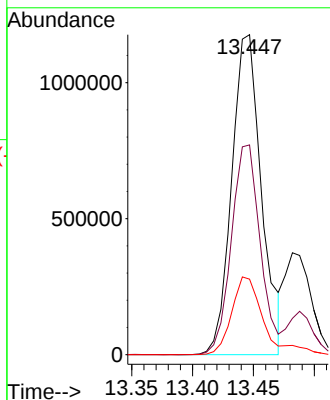
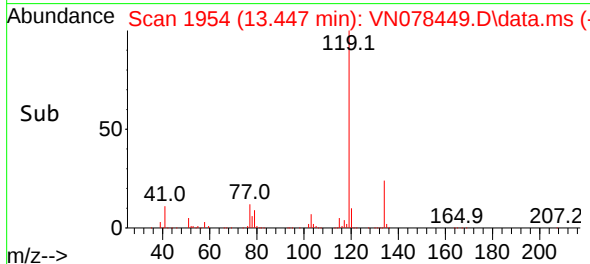
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



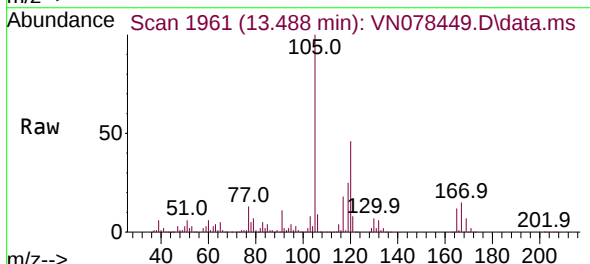
Tgt Ion:119 Resp: 200133
Ion Ratio Lower Upper
119 100
91 63.6 33.9 101.7
134 26.0 13.2 39.6

Manual Integrations
APPROVED

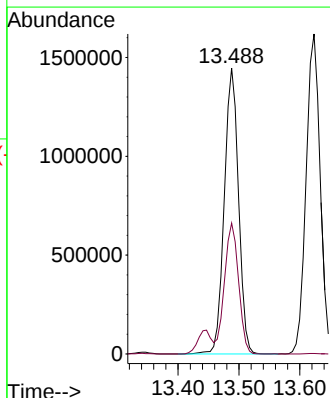
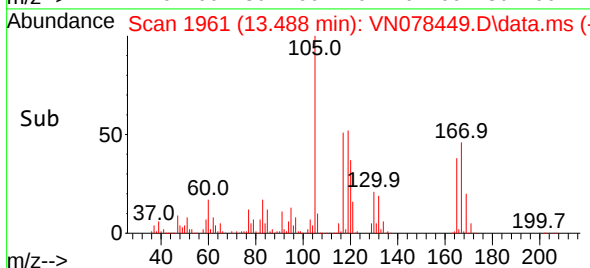
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023

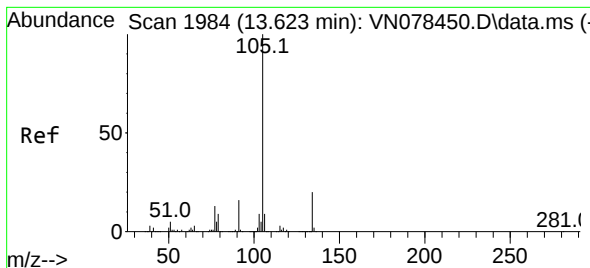


#84
1,2,4-Trimethylbenzene
Concen: 92.987 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. -0.000 min
Lab File: VN078449.D
Acq: 10 Jul 2023 12:21



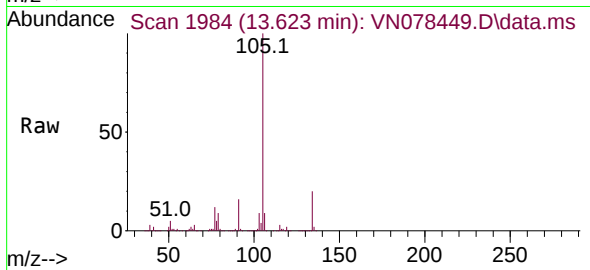
Tgt Ion:105 Resp: 2349919
Ion Ratio Lower Upper
105 100
120 45.4 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 92.882 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN078449.D
 Acq: 10 Jul 2023 12:21

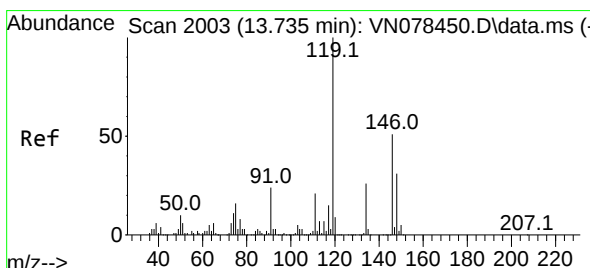
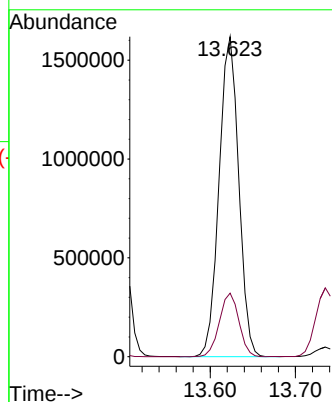
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100



Tgt Ion:105 Resp: 2593302
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.3

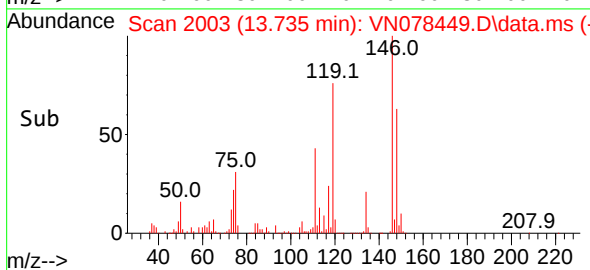
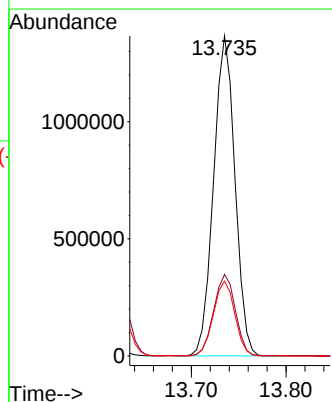
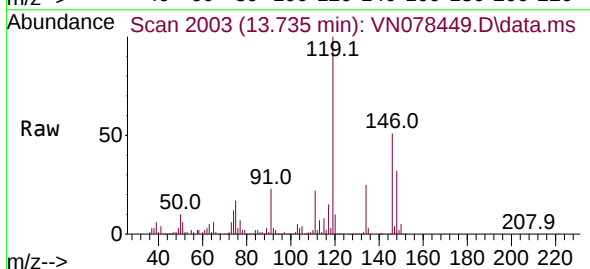
Manual Integrations
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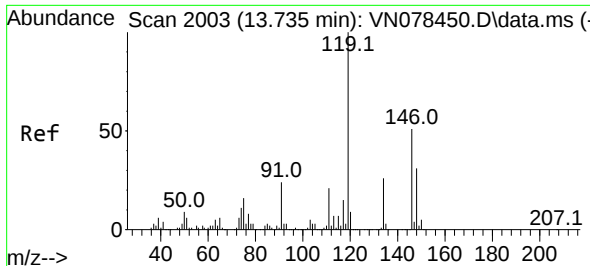
Reviewed By :John Carlone 07/10/2023
 Supervised By :Mahesh Dadoda 07/11/2023



#86
 p-Isopropyltoluene
 Concen: 95.378 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: VN078449.D
 Acq: 10 Jul 2023 12:21

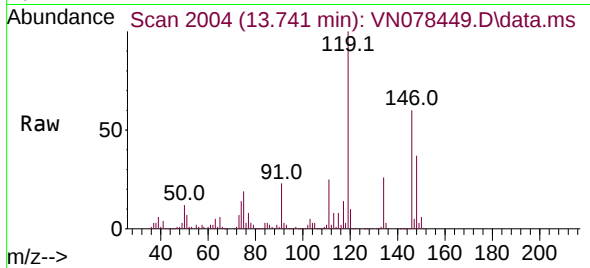
Tgt Ion:119 Resp: 2138276
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.6 37.8
 91 23.4 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 95.843 ug/l
RT: 13.741 min Scan# 2003
Delta R.T. 0.006 min
Lab File: VN078449.D
Acq: 10 Jul 2023 12:21

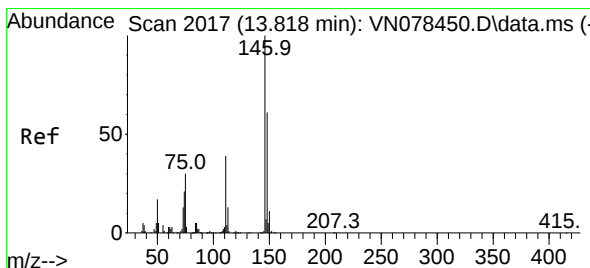
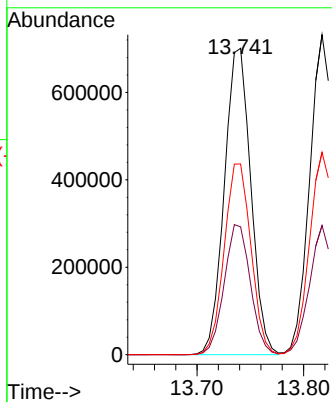
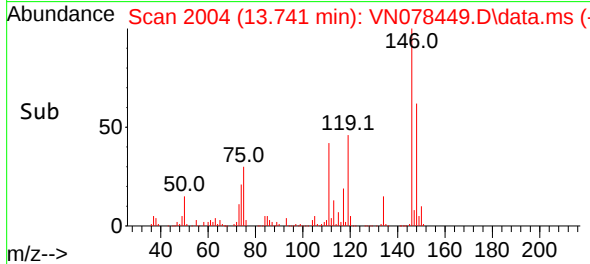
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion:146 Resp: 1211554
Ion Ratio Lower Upper
146 100
111 42.0 22.1 66.3
148 62.9 32.0 96.0

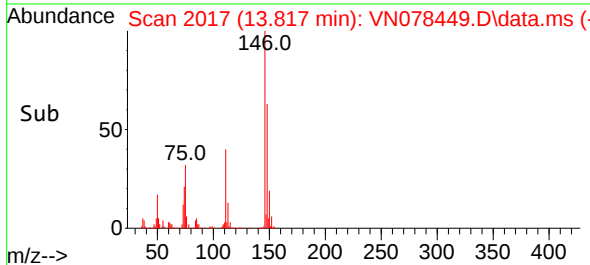
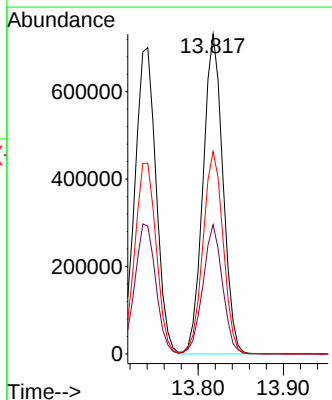
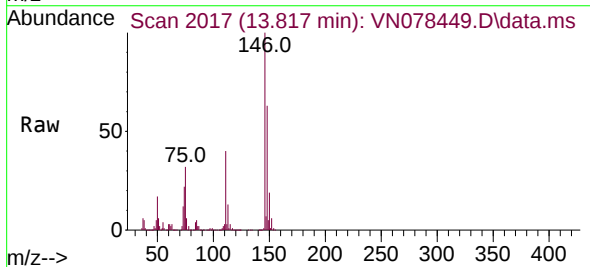
Manual Integrations
APPROVED

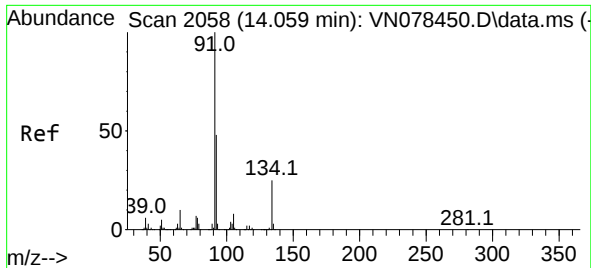
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023



#88
1,4-Dichlorobenzene
Concen: 92.934 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. -0.001 min
Lab File: VN078449.D
Acq: 10 Jul 2023 12:21

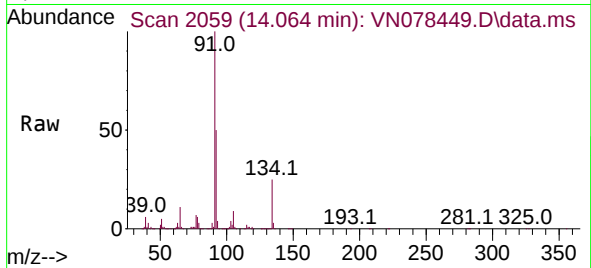
Tgt Ion:146 Resp: 1183297
Ion Ratio Lower Upper
146 100
111 39.7 20.6 61.8
148 64.2 31.6 94.8





#89
n-Butylbenzene
Concen: 100.948 ug/l
RT: 14.064 min Scan# 2059
Delta R.T. 0.005 min
Lab File: VN078449.D
Acq: 10 Jul 2023 12:21

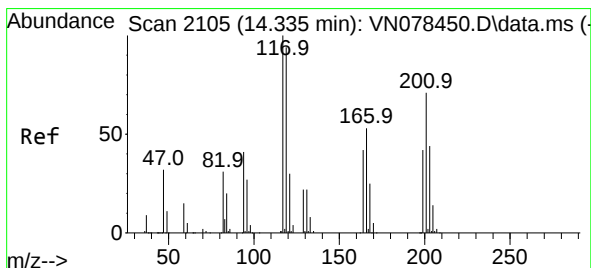
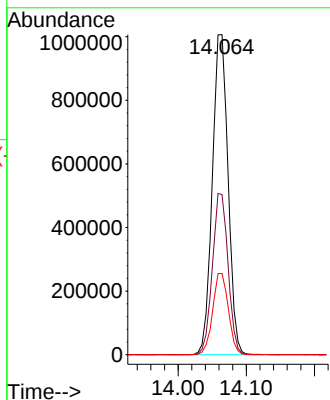
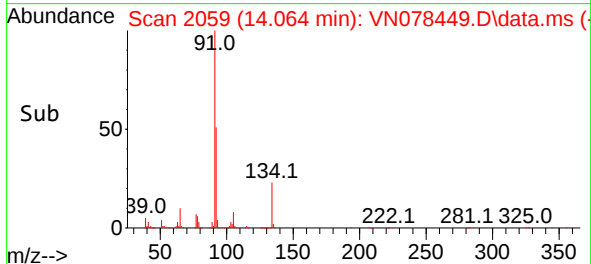
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 91 Resp: 1619314
Ion Ratio Lower Upper
91 100
92 50.1 26.4 79.0
134 25.3 12.6 37.6

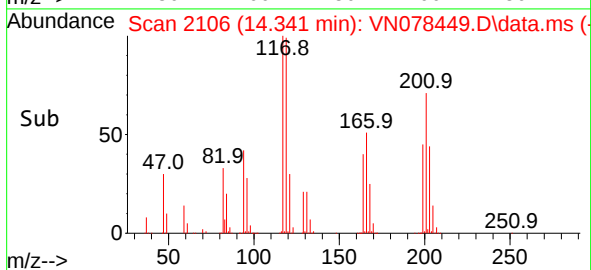
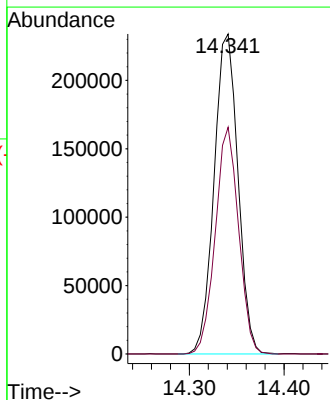
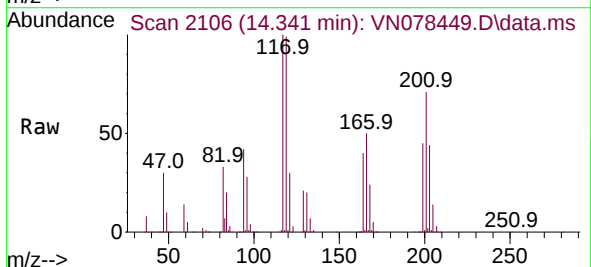
Manual Integrations
APPROVED

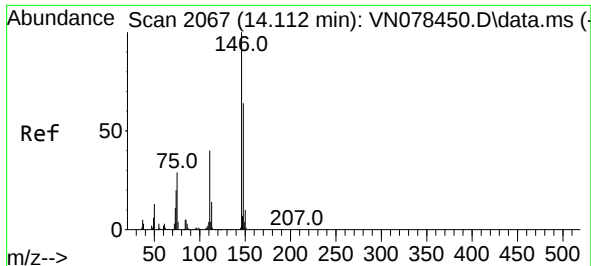
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023



#90
Hexachloroethane
Concen: 100.408 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. 0.006 min
Lab File: VN078449.D
Acq: 10 Jul 2023 12:21

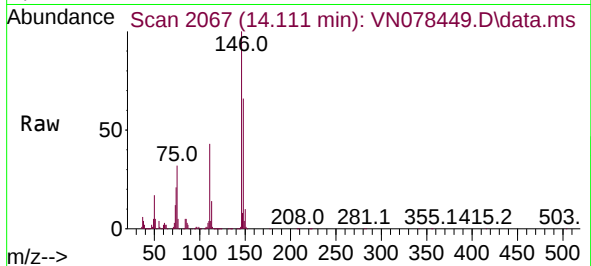
Tgt Ion:117 Resp: 410352
Ion Ratio Lower Upper
117 100
201 69.0 29.3 88.0





#91
1,2-Dichlorobenzene
Concen: 93.207 ug/l
RT: 14.111 min Scan# 2067
Delta R.T. -0.001 min
Lab File: VN078449.D
Acq: 10 Jul 2023 12:21

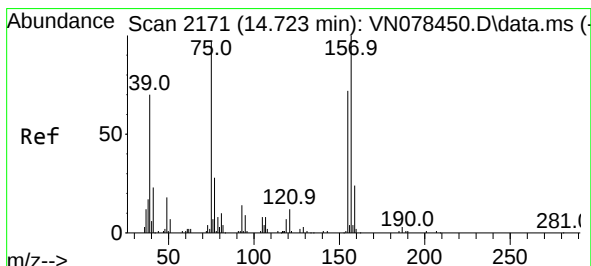
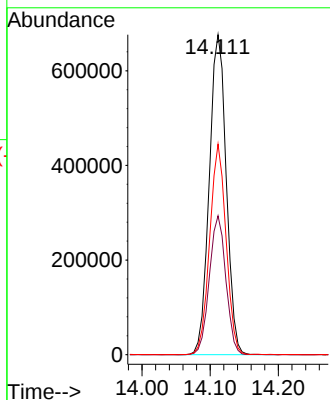
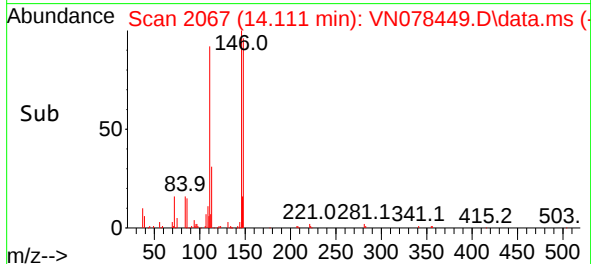
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



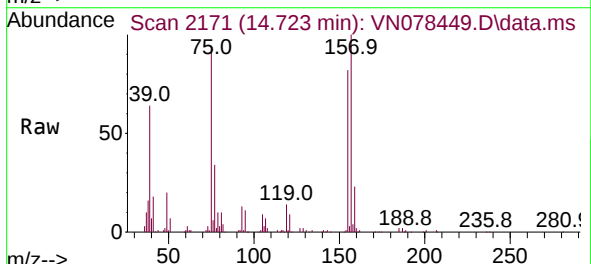
Tgt Ion:146 Resp: 1172549
Ion Ratio Lower Upper
146 100
111 42.3 22.0 66.0
148 63.4 31.8 95.3

Manual Integrations
APPROVED

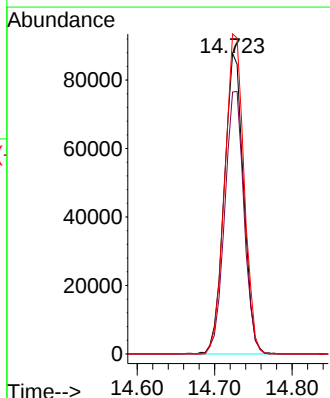
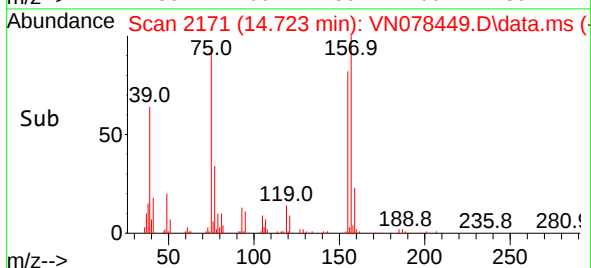
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023

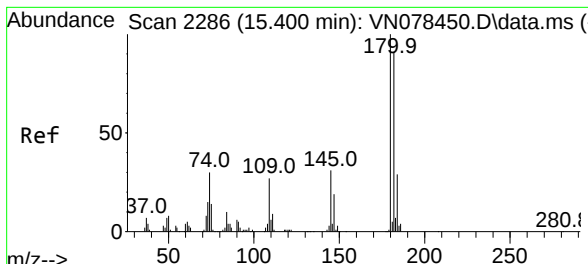


#92
1,2-Dibromo-3-Chloropropane
Concen: 98.955 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN078449.D
Acq: 10 Jul 2023 12:21



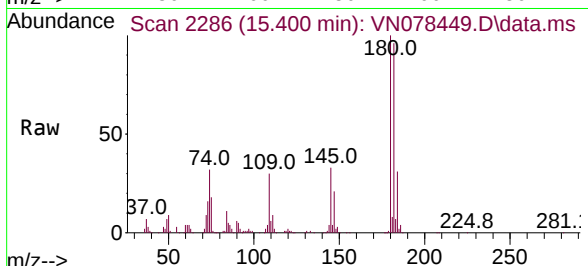
Tgt Ion: 75 Resp: 153027
Ion Ratio Lower Upper
75 100
155 86.9 39.1 117.2
157 106.2 50.3 150.9





#93
 1,2,4-Trichlorobenzene
 Concen: 110.019 ug/l
 RT: 15.400 min Scan# 2286
 Delta R.T. -0.000 min
 Lab File: VN078449.D
 Acq: 10 Jul 2023 12:21

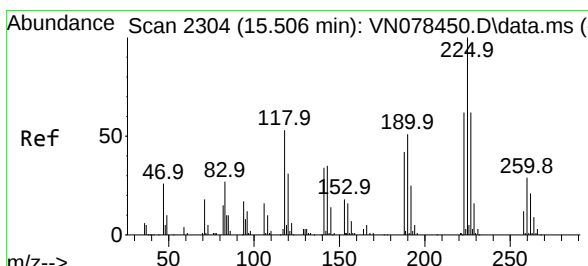
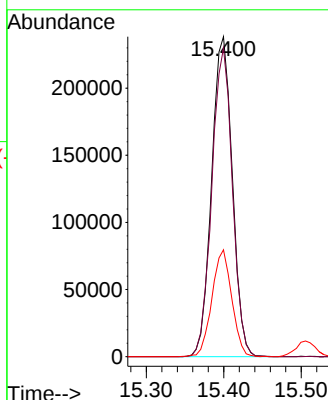
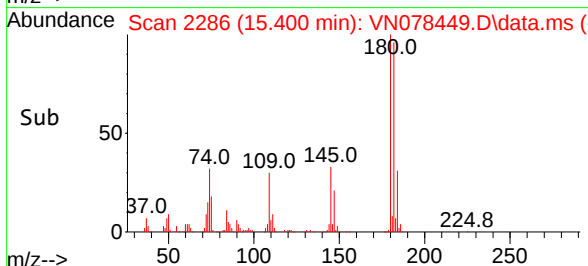
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100



Tgt Ion:180 Resp: 44172
 Ion Ratio Lower Upper
 180 100
 182 95.7 46.1 138.2
 145 32.1 16.6 49.8

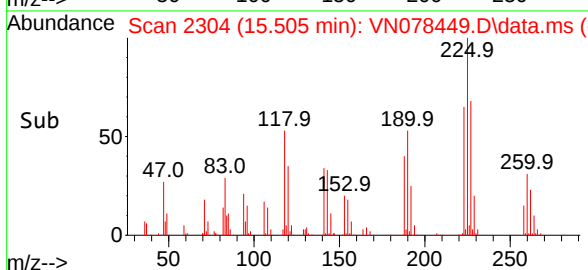
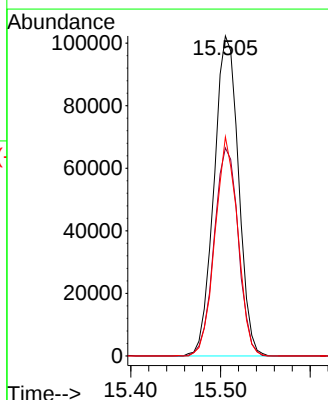
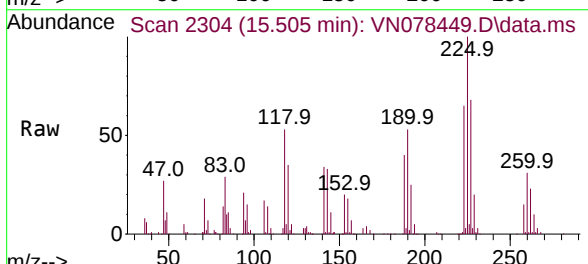
Manual Integrations
 APPROVED

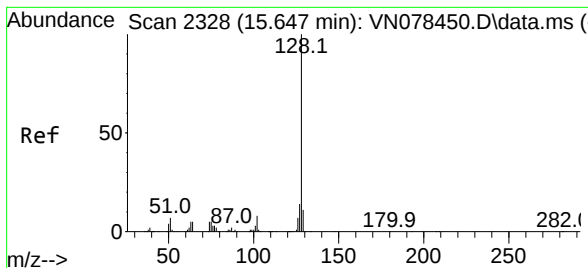
Reviewed By :John Carlone 07/10/2023
 Supervised By :Mahesh Dadoda 07/11/2023



#94
 Hexachlorobutadiene
 Concen: 97.023 ug/l
 RT: 15.505 min Scan# 2304
 Delta R.T. -0.001 min
 Lab File: VN078449.D
 Acq: 10 Jul 2023 12:21

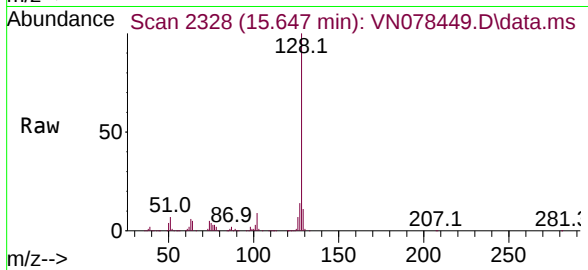
Tgt Ion:225 Resp: 193432
 Ion Ratio Lower Upper
 225 100
 223 64.4 31.3 93.8
 227 63.6 31.9 95.9





#95
Naphthalene
Concen: 105.547 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN078449.D
Acq: 10 Jul 2023 12:21

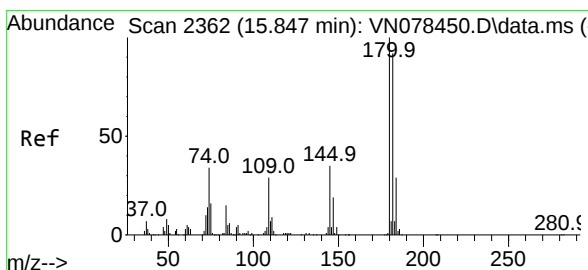
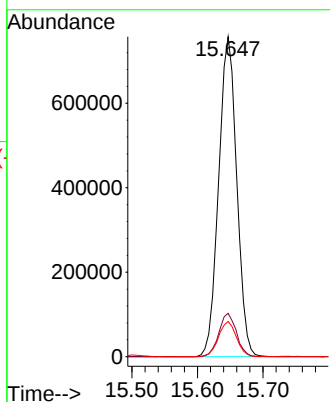
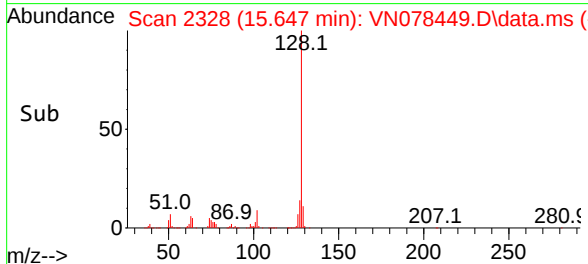
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



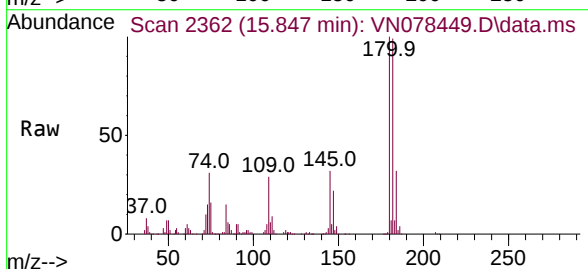
Tgt Ion:128 Resp: 144872
Ion Ratio Lower Upper
128 100
127 13.2 10.0 15.0
129 10.9 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023



#96
1,2,3-Trichlorobenzene
Concen: 101.382 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN078449.D
Acq: 10 Jul 2023 12:21



Tgt Ion:180 Resp: 468039
Ion Ratio Lower Upper
180 100
182 98.2 46.2 138.6
145 33.5 17.5 52.6

